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ABSTRACT

The purpose and function of the Goals and Objectives System of the U.S. Office of Student Financial Assistance (OSFA) are discussed. Results of a review of the system, policy issues, and a strategy for improving the system in OSFA program planning and management are also addressed. The system identifies a structure for work activities in OSFA and monitors the completion of work activities. The system was evaluated to identify the critical path for the Pell Grant delivery system and to develop a plan for refining the Goals and Objectives System based on the critical path. The review was also conducted to develop system flow, design specifications, and report formats for the Goals and Objectives System. To improve the system, it was recommended that the decision support needs of senior managers be analyzed. The systems design would include mapping information flows and report formats for each management level and organization unit. Appendices include: an example of output format for the OSFA Goals and Objectives System, a list of application planning and fund planning activities, a list of activities of the Goals and Objectives Management System, and a project activity report for the Pell Grant Delivery System. (SW)

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ED254164

**OFSA GOALS AND OBJECTIVES SYSTEM:
STRATEGIES FOR IMPROVED
PROGRAM PLANNING AND MANAGEMENT**

Prepared For:

**Division of Quality Assurance
Office of Student Financial Assistance
U.S. Department of Education**

Contract No. 300-80-0952

by

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SEPTEMBER 1983

PREFACE

The Office of Student Financial Assistance (OSFA) of the Department of Education has contracted with Advanced Technology, Inc., of McLean Virginia, and its subcontractor, Westat, Inc., of Rockville, Maryland, to conduct a three-year quality control project (Contract No.: 300-80-0952). The focus of the project is the Pell Grant Program, the largest of the student grant programs administered by OSFA. The objective of Stage Two (Part One) of the project is to design a quality control system to measure and analyze program performance. The reports completed to date under Stage Two (Part One) include:

Quality Control (QC) System Development for the Pell Grant Program: A Conceptual Framework	March, 1982
Action Plan for Quality Control System Design: A Working Paper	May, 1982
A Comparison of Title IV Student Assistance Delivery Systems	June, 1982
Preliminary Quality Control System Design for the Pell Grant Program	June, 1982
A Framework for a Quality Control System for Vendor/Processor Contracts	September, 1982
Recommendations for Improving Quality in the Campus-Based Program: FISAP Process	September, 1982
Technical Specifications for Conducting an Annual Assessment of Overall Payment Error in the Pell Grant Program	September, 1982
Technical Specifications for QC System Enhancements to the Manual GSL Interest Billing Process	November, 1982
Corrective Action Framework for the Office of Student Financial Assistance	December, 1982
Quality Control Procedures Manual for Manually Processed Interest Payments Guaranteed Student Loan Program	December, 1982
Quality Assurance for Vendor/Processor Contracts	April, 1983
Office of Student Financial Aid Quality Improvement Program: Design and Implementation	September, 1983
OSFA Goals and Objectives System Strategies: for Improved Program Planning and Management	September, 1983

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INTRODUCTION

In November 1981, Dr. Edward Elmendorf identified the need for a goals and objectives system which would provide a mechanism for monitoring the planning, delivery and wrap-up cycle for student aid programs. The Office of Student Financial Assistance (OSFA) implemented a Goals and Objectives System during 1982 which has significant potential for improving planning and management of student aid programs. In April 1982, David Kerr, Director of the Division of Systems Design and Development (DSDD) in OSFA, began the detailed design and implementation of this system. During the subsequent months under the coordination of DSDD, the divisions and branches in OSFA engaged in a process of implementing the Goals and Objectives System.

During the summer and fall of 1982, the Division of Quality Assurance (DQA), through Pell Grant Quality Control Study, initiated an examination of possible enhancements to this system in order to explore ways of improving the usefulness in program planning and management. This enhancement task was initiated before the Goals and Objectives System was fully implemented. It explored the potential applicability of activity networks -- such as PERT charts and critical path management -- as mechanisms for improving program planning and management in OSFA.

This paper reviews the results of the Goals and Objectives System enhancement task and considers an incremental strategy for continued development of the Goals and Objectives System. First, the purpose and function of the system is considered. Second, the results of the enhancement task are reviewed. Third, policy issues related to continuing the development of the OSFA Goals and Development System are considered. Finally, an incremental strategy for the developing an improved Goals and Objectives System in OSFA program planning and management is discussed.

THE OSFA GOALS AND OBJECTIVES SYSTEM

The purpose, and indeed the importance, of the OSFA Goals and Objectives System is best explained within the context of the OSFA organization and management structure. OSFA has a functional organization, with divisions that have management responsibilities across programs. For example, the regulation development and budget planning for all programs is coordinated by the Division of Policy and Program Development (DPPD), while the Division of Program Operations (DPO) is responsible for the actual delivery of and accounting for program funds. Both DPO and DPPD have branches for each of the major programs: Pell, Guaranteed Student Loan (GSL), and Campus-Based. The other divisions provide basic services important to the delivery of student aid but do not have branches for each program area. In this organization structure programs were not coordinated across the delivery cycle. As a result there were complex planning and management problems related to the delivery of individual programs which were difficult to resolve, especially when they cut across the responsibilities of different divisions.

In 1981 Dr. Elmendorf, Deputy Assistant Secretary for Student Financial Assistance, sent a memorandum to division directors and regional administrators defining the Goals and Objectives for OSFA for Fiscal Year (FY) 1982. His communication identified a systematic approach to the planning and management functions in OSFA. He identified broad goals, such as: **"To deliver in a timely manner OSFA programs in their current configurations."** He also defined a structure in which objectives, tasks, sub-tasks, and steps could be defined on a program-by-program basis. For instance, for the above stated goal, an objective is the delivery of the 1983-84 Pell program funds. The tasks, subtasks and steps involved in carrying out this objective involve several divisions, branches and sections. For example, the Pell Grant Branch, DPPD and the Pell Grant Branch of DPO are both responsible for important aspects of the delivery system.

Mr. David Kerr, Director of the Division of Systems Design and Development, was given responsibility for implementing the Goals and Objectives System and coordinating the involvement of other divisions in the systematic definition of the basic data elements of the goals and objectives system. Kerr characterized the intent of the new system as follows:

To provide improved means of resource planning and management, OSFA personnel have developed and implemented at a management level the Goals and Objectives System, to assist personnel in understanding the numerous activities that must be accomplished. Information can be saved, modified, and presented to assist key personnel in meeting objectives in a timely manner and in developing resource plans.¹

The system developed by DSDD, under the leadership of Mr. Kerr, refined the basic structure of the Goals and Objectives System proposed by Dr. Elmendorf. The system organized OSFA's goals and through the specific steps, and in some instances substeps, required to implement the goals. The hierarchy of the referenced Goals and Objectives System is defined in Figure 1. At each level in this system there could be multiple actions at lower levels e.g., for each goal there are multiple objectives, for each objective there are multiple activities, and so forth.

DSDD initiated a process of involving OSFA personnel in identifying the data elements for the Goals and Objectives system. Divisions were asked to complete objectives, branches were given responsibility for identifying activities, and so forth. The result was an elaborate system with literally hundreds of data elements for each program. In combination, these data items were to identify the work requirements for completing the planning, delivery, and wrap-up of a program year.

The system concentrated on the FY82 program year. At any given time there is at least a three-year period in the process. For example, in FY82 the FY83 program is being planned, the FY82 year's program is being delivered and FY81 program is in wrap-up and account reconciliation. In a coherent planning and management system, it is necessary to focus on a specific program year since the planning for the FY82 program, which began in 1981, affects the delivery process, and the delivery process affects the wrap-up and account reconciliation process.

When the OSFA personnel entered data into the system, they identified discrete responsibilities and activities according to the framework for the FY82 program year. They identified and described the data element and identified the

¹ David Kerr, "Goals/Objectives Management System," OSFA, Division of System Design and Development, April 27, 1982, p. 2.

<u>Level</u>	<u>Title</u>	<u>Purpose</u>	<u>Example</u>
Level 1:	<u>Goals</u>	Broad statement reflecting OSFA wide priorities	01 Planning
Level 2:	<u>Objectives</u>	Identify broad requirements for achieving goals	02 Application Planning (Pell)
Level 3:	<u>Activities</u>	Identify division/branch responsibilities in achieving objectives	03 Policy (Pell Branch, DPPD)
Level 4:	<u>Tasks</u>	Identify section responsibilities for completing activities	04 Develop Forms
Level 5:	<u>Subtasks</u>	Identify unit responsibilities for completing tasks	05 Develop federal application form
Level 6:	<u>Steps</u>	Identify specific actions or steps in the implementation process (theoretically by individual)	06 Begin development of form and instructions

FIGURE 1

HIERARCHY OF OSFA GOALS AND OBJECTIVES SYSTEM

start and end dates for the activities. For activities that had been completed, actual dates were used; activities yet to occur were assigned planned dates. As a result, two different types of data were included in the system: **actual** completion dates for past activities and **planned** completion dates for forthcoming activities.

The data for the Goals and Objectives System was automated using a TRS-80 microcomputer. The automated system simply entered the basic information level description, responsibility and anticipated date. The system also had the capacity to report actual dates, thus providing a capacity to report to OSFA managers on the progress of work activities. An example of the report output is included in Attachment A.

The data entered into the Goals and Objectives System by divisions and branches has been sporadic. Some divisions and branches put more effort into identifying the necessary data elements than others. In particular, DPO provided timely input. However, not all activities, tasks, subtasks, and steps were defined. Nor were all activities coordinated with other interactive divisions' activities. The system did, however, provide a basic set of information about the work required to deliver student aid.

The newly implemented system represented an improvement over past practice. Its strengths include:

- Identification of a logical structure for work activities in OSFA;
- Identification of responsibilities for work activities at appropriate levels in OSFA;
- Provision of a capacity to monitor the completion of work activities;
- Provision of a management tool to identify areas where additional resources may be required.

The system represents a significant first step in improved program planning and management. There are, however, some limitations to the system as it is presently designed and implemented including:

- The interdependency of work activities are not identified. (For example, if a planning activity is late, such as Congressional decisions, it will affect subsequent activities.

- Critical activities and noncritical activities are not distinguished. The activities with float time (flexibility in start and finish dates) are not identified.
- Type of work action is not differentiated. The goals and steps are reported in the same fashion.

These limitations were recognized when planning for the Goals and Objectives System was initiated. This first step has provided the framework to continue development and refinement of this critical management tool.

THE ENHANCEMENT STUDY

In August 1982, Advanced Technology, Inc. began an enhancing study for the Goals and Objectives System. After an initial review of the system, still in the developmental stage, it was agreed that the objectives of the enhancement task would be to:

- Identify the critical path for the Pell Grant delivery system based on a review of the level 5 activities in the Goals and Objectives System.
- Develop a plan for refining the Goals and Objective System based on the critical path.
- Develop **system flow, design specifications, and report formats** for the OSFA Goals and Objectives System.
- Develop technical specifications for implementing the refinements.
- Develop a methodology for refining and implementing the critical path approach to monitoring activities.
- Present study results in a final report.

Initially the task was conceived as a manual system design task. The fact that the Goals and Objectives System had not yet been fully automated limited the capability to provide actual programming support and report formatting for the TRS-80. Since the Pell Grant program was the only one that had been completed for more than one division at the time, the task team concentrated on the Pell Grant program. The original list of work activities input to the TRS-80 was used as a basis for the work. Attachment B contains this initial list. This list was subsequently refined by OSFA so it does not represent the current state of information in the Goals and Objectives System.

To achieve the objectives of the Goals and Objectives enhancement task, it was considered necessary to automate the data provided, since the computer can generate critical path for a complex program more easily and accurately than is possible manually. The team chose VISION software available only on PRIME computer to do the task. The results of the study are summarized below.

Critical Path

To identify the critical path for the Pell Grant program, it was first necessary to network the activities identified. The program was networked manually,

prepared for data entry, entered in the computer, and the computer generated a critical path and activity network. The steps involved in this process are identified in Figure 2. At several points in the process of developing the critical path it was necessary to "scrub" the network or refine the linkages between activities. The final list of activities with predecessor and successor activities is contained in Attachment C.

The critical path method (CPM) provides managers with one approach to identifying critical activities. These activities will be delayed in their start of a series if predecessor activities are not completed on time. Assumptions made in computing the critical path were:

- All level 4 and 5 activities identified for the Pell Grant Program were discrete activities.
- Duration of activities, an input required for the VISION software, was calculated from the start-finish data provided. This was assumed to be the required amount of time to complete these activities.
- Networking of activities was tentatively accepted as accurate. (The network was reviewed by Pell Grant, DPO, but could still be further refined.)
- The dates on or before April 30, 1982 were entered as actual dates which constrained the network.
- The data elements have been revised since they were originally given to the task team; therefore the enhancement would have to be changed before it went into production.

Using the assumptions, the computer generated a critical path for the Pell Grant Program. The dates for activities after April 30 in the VISION program were computer generated, since only durations were entered into the system. The critical activities were:

- Start Regular Disbursement System under the Planning Cycle (Duration 579 days);
- Regular Disbursement System in the Delivery Cycle (Duration 583 days);
- Regular Disbursement System in the Wrap-up Cycle (Duration 305 days).

This initial cut of the critical path illustrates the timing problems inherent in the delivery of the Pell Regular Disbursement System. However, it should be noted

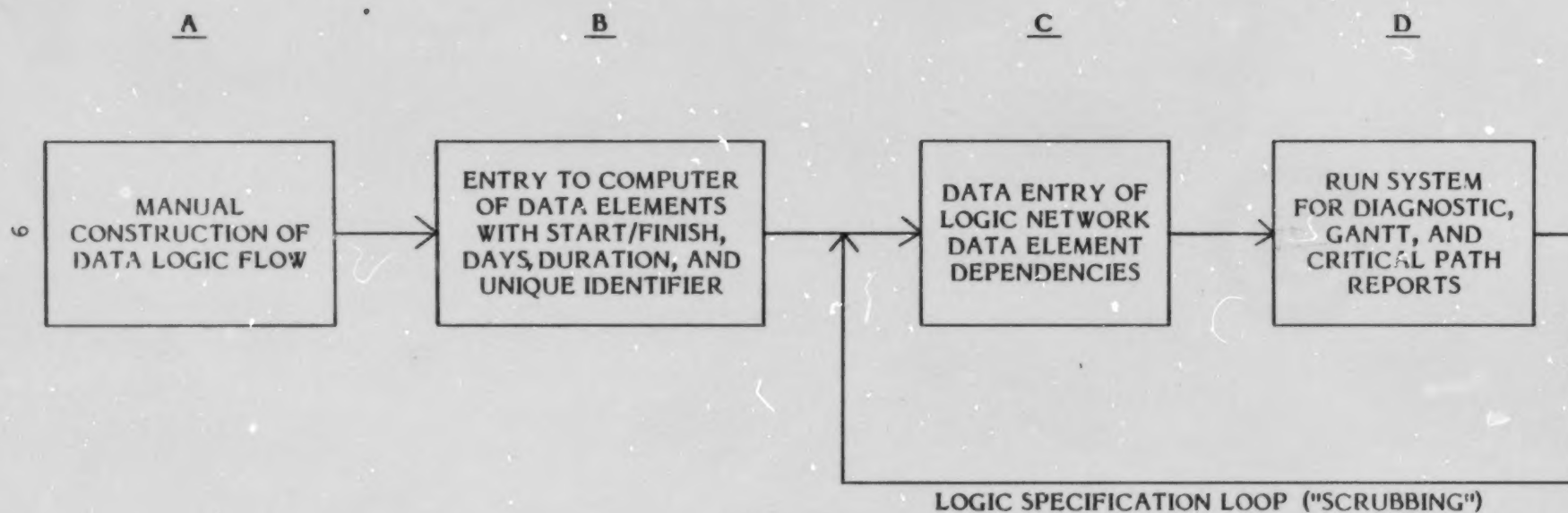


FIGURE 2

STEPS AND SCRUBBING LOOP
USED IN CONSTRUCTION OF OSFA (PELL) CRITICAL PATH

that each of these activities is of long duration, and is actually comprised of a large number of shorter duration tasks. Each was a level 4 activity in the Goals and Objectives System. If the activities list was to be further refined, it would be possible to identify the level 5 which are more critical.

Refinement of the System

The original conceptualization of the Goals and Objectives System by the task team is illustrated in Figure 3. The initial assumption was that the TRS-80 was not a powerful enough machine to produce the critical path for a program as complex as Pell or the other student aid programs. This is in fact the case: the critical path software for TPS-80 had actually been withdrawn from the market at the time the task team was exploring automation options. Therefore, it was assumed that a alternative would be needed to generate summary management reports. Originally the project team decided a mainframe, possibly COMNET, could be used.

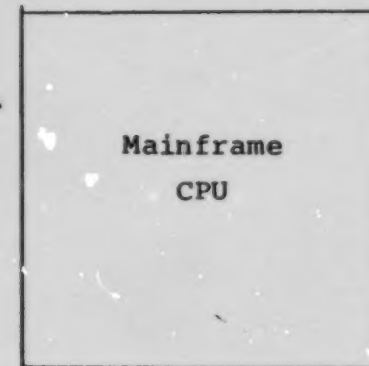
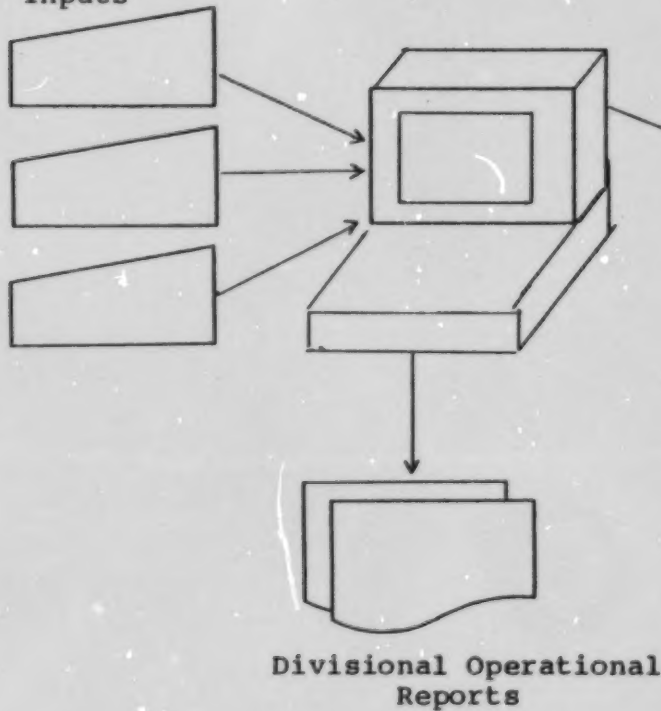
For the purpose of the study the PRIME/VISION system was used. This is a user-friendly software that does not require elaborate systems planning. The main requirement of using this software, or any networking software, is that the program be networked manually before it is entered into the system. This procedure is illustrated in Figure 3.

Report Formats

Most software systems have flexible report formats that include summary reports for policy makers and detailed reports for operational managers. Attachment D contains examples of report formats for the PRIME/VISION system. The sample reports include the following examples of the systems reporting capability:

- Figure D-1 presents the baseline Gantt chart for the Regular Disbursement System (RDS) activities.
- Figure D-2 presents a simulation of the effects for slipping all RDS activities for one month.
- Figure D-3 presents a summary bar chart of the same simulation for selected RDS activities.
- Figure D-4 presents the backup tabular information for the simulation presented in Figures D-3 and D-4

Department/
Division Level
Inputs



Goals & Objectives
Reports

Inter-
Division
Reports

Critical
Path
Reports

Policy

Operations

Selection of
EDP Language

GOALS AND OBJECTIVES DATA PROCESSING

FIGURE 3

Additional PRIME/VISION system capabilities include:

- A cost control Gantt chart for each phase of the process or function that displays the schedule status of activities to be accomplished within the Baseline Cost Estimate (BCE) funds available;
- A cost status report that lists fixed and variable costs with associated activities;
- A resource analysis report which describes, in dollars, the status of funds (budgeted or actual) within each cost center of the BCE;
- A cost-versus-time plot of budget-versus-obligated funds for each cost center of the BCE;
- A critical path of the activities network that routinely reports planned and actual achievement of project activities.

Conclusion

OSFA currently has a number of options for proceeding with the Goals and Objectives System. These are considered in the final two sections of the paper according to a three-phase plan.

POLICY ISSUES

The constraints on implementing a sophisticated approach to planning and management for OSFA programs are primarily organizational. The conclusions of the enhancement task are:

- The basic logic structure of the OSFA Goals and Objectives system is adaptable to a variety of automated activity scheduling and monitoring software packages.
- The activity structure should be refined in terms of the number and type of activities entered into the system.
- The network should be reviewed by individuals involved in the delivery of student aid, as was the case for this enhancement task.

A workable strategy for proceeding with the continued refinement of the OSFA Goals and Objectives System should have three phases:

- The level of effort that should be put into the system at the present time;
- The type of system (software/hardware) that should be used.

Level of Effort

The basic question facing OSFA is what level of effort should be devoted to the continued refinement of the OSFA Goals and Objectives System. There are three apparent options:

- The status quo: continue with the present system without any additional enhancement;
- Continue with the Pell enhancement;
- Develop enhancements for all three programs: Pell, GSL and Campus-Based.

The basic parameters of the status quo have been described earlier in this paper. While the current approach does not provide all the types of reports that managers might need, it does represent an improvement over what previously existed. Additionally, it is already in place, which would minimize disruption to current flow of work if it were to be continued.

The continued development of the Pell option would enable OSFA to test the applicability of the more sophisticated networking approach to program planning and management. The implementation of this system would cause some disruption to the report system already in place for the Pell component of the Goals and Objectives System. Specifically, the routine for reporting on these activities already in the system would be modified, perhaps even simplified. More importantly, OSFA staff involved in the delivery of the Pell program, especially in DPO and DPPD, would be involved in review of the network and duration of activities.

In return however, the managers in these areas could expect improved management reports that would help them anticipate when delays in activities might have severe consequences later in the delivery cycle. Such reports could help OSFA managers to decide when to shift personnel and other resources to stay on the critical path.

The development of the enhancements for all the programs would have the same advantages and disadvantages outlined above, only in a greater degree. The process of developing the enhancement for GSL and Campus-Based is complicated by the fact that preliminary work has not yet been done for these programs. Additionally, the complexity of the GSL and Campus-Based programs compared to the Pell, require a longer developmental time for networking.

Type of System

If OSFA decides to continue the development of the enhancement to the Goals and Objectives System, either for Pell or for all the programs, then the second decision issue is what type of system should be used. The basic options are:

- To use COMNET with IBM compatible CPM software;
- To acquire in-house OSFA system for PRIME/VISION or other system;
- To contract for the service.

The software for the type of enhancement described in the previous section is available from a variety of sources and can be used on a variety of hardware systems. The TRS-80, which is used for the basic system, is not powerful enough for

the recommended enhancement. Therefore, if enhancement is to proceed, one of the three alternatives should be selected.

The first alternative represents the path of least resistance. The COMNET system is available to OSFA through ED contracts. It is an IBM compatible system that would permit the use of IBM software; several varieties are currently available for this purpose. The major problem with this approach is that COMNET is not always a dependable source of computing support. For example, it is subject to time delays to the batch mode of entry. Therefore, the system would not be as flexible as it would be on a dedicated small machine or another large mainframe that would permit disk storage of necessary information. Clearly, the cost consequences of this option are minimal in comparison to the other two. This option may involve some risk as the COMNET contract will soon be recompeted and the new mainframe may not be compatible with the enhancement system software. System modifications could be costly.

The second option represents the most desirable alternative for OSFA in terms of control and turnaround time. If a small PRIME or DEC/VAX computer were purchased, then it would be possible to continue with the current enhancement using VISION software. Currently these are the only components that run the VISION software.

The possible disadvantage of this approach could be cost -- at least in the short term. To make the most cost-effective decision, it would be necessary to evaluate purchase price of the new machine versus the cost of other options. If the machine were to be used for additional purposes, then it becomes a more desirable option.

The third option, contracting for service, also has several advantages. It would permit the use of a sophisticated system without the complication of in-house development. In fact, even if a dedicated in house machine were purchased, it may be necessary to contract for this service to maintain the system.

The major problem with the contracting option is determining the proper vehicle for the service: a new contract or a modification of an existing contract. Certainly OSFA has flexibility in this regard, but there are obvious constraints both of a budgetary and contractual nature.

A PHASED STRATEGY

Based on a review of the decision issues outlined above, an appropriate strategy for continued development should proceed in planned phases. The key phases would be:

- Phase I: Requirements Study;
- Phase II: Conceptual Design;
- Phase III: Pilot Test Selected Design;
- Phase IV: Implementation of Selected System;

The phased approach would allow OSFA managers to have input into the design of the system and to test its usefulness before proceeding with the full development of the system. This section considers the basic parameters of this strategy.

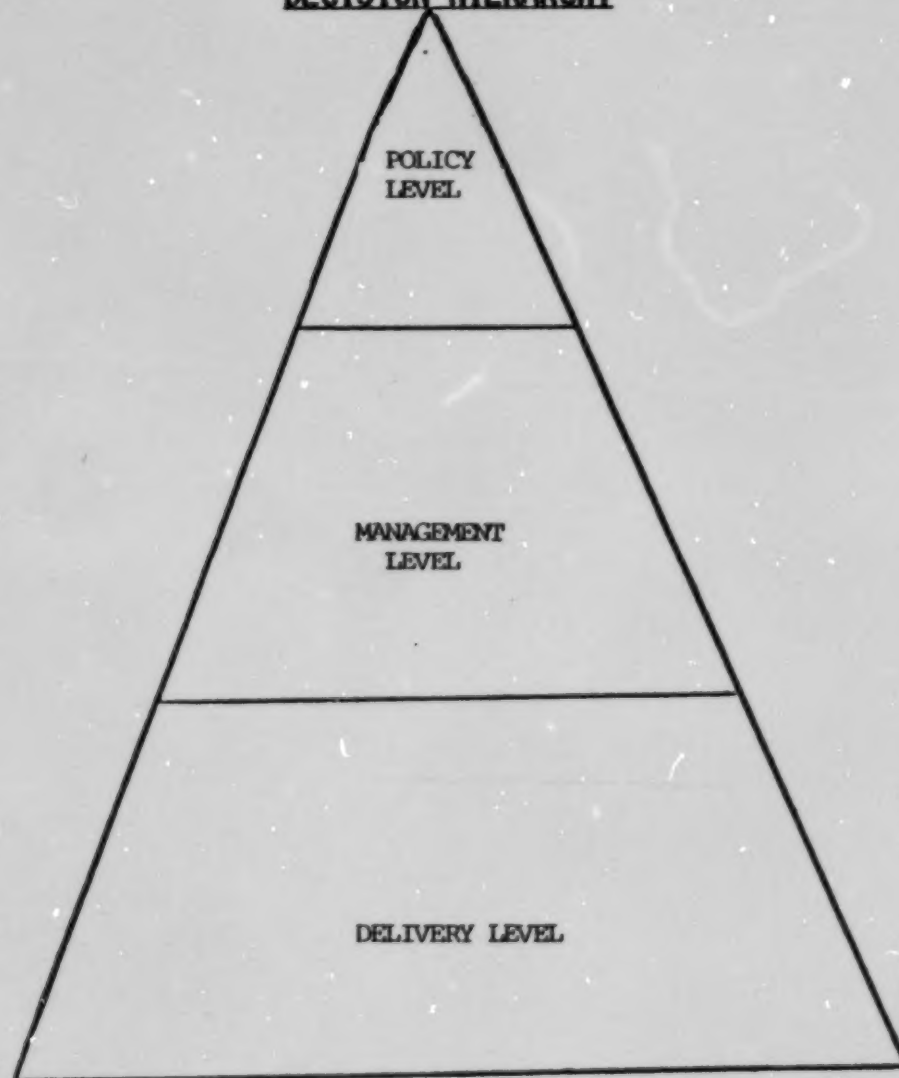
Phase I: Requirements Analysis

A key finding of this enhancement study was that while the conceptual design of the OSFA Goals and Objectives System provided an adequate work breakdown structure for using the networking or critical path, approach to delivery system management, the users needs, especially the decision support needs of senior managers were not fully analyzed when the system was designed. The first step in the incremental strategy proposed here is to conduct a full assessment of user needs. The assessment of users needs should include three activities:

- Interviews with OSFA managers to determine their decision support needs;
- Assess the capacity of the current system to meet management needs;
- Develop an actual statement of user requirements.

The interviews with OSFA managers would start with the Assistant Secretary for Postsecondary Education and would include analysis of decision support requirements at the policy, management, and delivery levels. The framework for conducting this analysis is illustrative in Figure 4. The purpose of the interviews should be to:

DECISION HIERARCHY



REPORTING NEEDS

- SUMMARY REPORTS
- STATUS REPORTS ON PROGRAMS AND SUBSYSTEMS
- SIMULATIONS OF DECISION OPTIONS (WHAT IF?)
- TRACKING AND ALLOCATION
- PROGRESS TRACKING AND SCHEDULING
- INTERDEPENDENCY VISIBILITY
- IDENTIFICATION OF FUTURE TASK/ACTIVITIES
- TASK/ACTIVITY RESOURCE REQUIREMENTS
- DAY TO DAY ACTIVITIES/TASKS/STEPS
- PRECISE RESPONSIBILITY IDENTIFICATION
- IDENTIFICATION OF REQUIRED INTERFACES (INPUTS AND OUTPUTS)
- PROGRESS EVALUATION

FIGURE 4

FRAMEWORK FOR ANALYZING OSFA
DECISION SUPPORT REQUIREMENTS

- Assess the information and related decision support requirements for individual managers at each level in the OSFA delivery system;
- Assess the form in which the data should be collected.

The assessment of the current OSFA goals and objectives system would be utilize the findings from the analysis of users decision support requirements. The basic questions that should be addressed at this stage are:

- Does the work breakdown structure in the OSFA Goals and Objectives System meet the decision support needs of OSFA managers?
- Is the format for the work breakdown structure, including duration of reported activities, adequate for these decision support needs?
- What modification should be made to the reporting system?
- What are the additional unmet requirements?
- Could OSFA decision support requirements be better met by a different system, with a refined work breakdown structure?

The result of the user requirements analysis would be a full statement of user needs, with accompanying analysis of the current OSFA Goals and Objectives System. A draft of the report should be included to OSFA managers to gain their input to the final statement.

Phase II: Conceptual Design

The primary purpose of this phase is to develop a conceptual design for an OSFA design support system. There would be three steps in this phase:

- Develop mapping for information flow and report formats;
- Develop design alternatives based on technology, data structure, and timing of information;
- Develop a complete conceptual design for selected design(s).

The first step in this process should focus on the development of a general system design, complete with mapping information flows and report formats for

each management level, and organization unit. The draft of the general design should be circulated to OSFA managers to secure final input to the design information flows and report formats.

The general design should be used to develop specifications alternatives. The design alternatives would take both software and hardware into account. Alternatives might include:

- Utilizing and adapting the current OSFA Goals and Objectives System;
- Developing a new OSFA decision support system on the central processor, perhaps using distributed reporting;
- Developing a dedicated decision support system, probably using a minicomputer with appropriate software (such as the PRIME/VISION combination).

The specifications for each alternative should consider the role of contracted services, as well as of in-house development. A report on design alternatives should also be circulated to OSFA managers for their review.

The final step will be to evaluate the specifications for design alternatives and to produce hardware and software recommendations. At this point, it might be desirable to hold workshops for OSFA managers on design alternatives and the recommendations.

Phase III: Pilot Test Selected Design

The pilot test for the selected design should involve four steps:

- Develop detailed specifications for the selected alternatives;
- Develop prototype for the new systems, possibly with a new or revised work breakdown structure;
- Pilot test selected parts of the design;
- Conduct a workshop on the pilot test to clarify problems with the approvals.

Phase IV: Implementation

The implementation phase should include:

- Full system development;
- Documentation of the system;
- Generation and sign off on all report formats;
- Extensive testing;
- Operation of the new system, possibly in parallel with the current system.

ATTACHMENT A

**EXAMPLE OF OUTPUT FORMAT FOR
OSFA GOALS AND OBJECTIVES SYSTEM**

GOALS AND OBJECTIVES
MONTHLY/QUARTERLY REPORT
MANAGEMENT CODE: ALL///

AS OF DATE:
SEP 24 1982
PAGE NO: 1

ACTIVITY DESCRIPTION						1981	1982	1983	1984	1985
P L F						JFHANJJASOND	JFHANJJASOND	JFHANJJASOND	JFHANJJASOND	JFHANJJASOND
R E U						AEAPAUUECOE	AEAPAUUECOE	AEAPAUUECOE	AEAPAUUECOE	AEAPAUUECOE
T V N						NBRRYMLGPTVC	NBRRYMLGPTVC	NBRRYMLGPTVC	NBRRYMLGPTVC	NBRRYMLGPTVC
Y L C										
1.470 FISAP PLANNING						1	1	PLANNING	-----	-----
02/01/82 07/01/82 DPD ABCD (PROG:PEL) (PROG-YR:23)										
1.470 APPLICATION PLANNING						1	2	PLANNING	-----	-----
01/01/81 06/30/83 DPD (PROG:PEL) (PROG-YR:23)										
1.480 DEVELOP FORMS						1	4	PLANNING	-----	-----
01/01/81 01/31/82 DPD (PROG:PEL) (PROG-YR:23)										
1.490 DEVELOP FEDERAL APPLICATION FORM						1	5	PLANNING	-----	-----
01/01/81 01/31/82 DPD (PROG:PEL) (PROG-YR:23)										
1.500 BEGIN DEVELOPMENT OF FORM AND INSTRUCTIONS						1	6	PLANNING	-----	-----
01/01/81 07/01/81 DPD (PROG:PEL) (PROG-YR:23)										
1.510 OBTAIN CONGRESSIONAL APPROVAL OF DATA ELEMENTS						1	6	PLANNING	-----	-----
07/01/81 07/02/81 DPD (PROG:PEL) (PROG-YR:23)										
1.520 FINALIZE DATA ELEMENTS						1	6	PLANNING	-----	-----
01/01/81 07/01/81 DPD (PROG:PEL) (PROG-YR:23)										
1.530 SUBMIT FORMS TO FEDAC FOR CLEARANCE						1	6	PLANNING	-----	-----
02/01/81 10/01/81 DPD (PROG:PEL) (PROG-YR:23)										
1.540 ESTABLISH PRINTING QUANTITIES						1	6	PLANNING	-----	-----
03/01/81 09/01/81 DPD (PROG:PEL) (PROG-YR:23)										
1.550 SUBMIT PRINTING REQUISITION TO GPO						1	6	PLANNING	-----	-----
07/15/81 07/16/81 DPD (PROG:PEL) (PROG-YR:23)										
1.560 ORDER APPLICATION FORM						1	6	PLANNING	-----	-----
07/15/81 07/16/81 DPD (PROG:PEL) (PROG-YR:23)										
1.570 SEND ORDER FORMS TO SCHOOLS						1	1	PLANNING	-----	-----
10/01/81 10/02/81 DPD (PROG:PEL) (PROG-YR:23)										

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ATTACHMENT B
ACTIVITY LIST PROVIDED
BY OSFA

01 PLANNING

02 APPLICATION PLANNING

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03 POLICY

04/01/81 - 1/30/82 04 DEVELOP FORMS

04/01/81 - 1/30/82 05 DEVELOP FEDERAL APPLICATION FORM

04/01/81 - 07/01/81 06 BEGIN DEVELOPMENT OF FORM AND INSTRUCTIONS

07/01/81 - 07/01/81 06 OBTAIN CONGRESSIONAL APPROVAL OF DATA ELEMENTS

06/01/81 - 07/01/81 06 FINALIZE DATA ELEMENTS, FORM AND INSTRUCTIONS

08/01/81 - 10/01/81 06 SUBMIT FORMS TO FEDAC FOR CLEARANCE

08/01/81 - 09/01/81 06 ESTABLISH PRINTING QUANTITIES

09/01/81 - 09/15/81 06 SUBMIT PRINTING REQUISITION TO GPO

09/15/81 - 09/15/81 06 ORDER APPLICATION FORM

10/01/81 - 10/01/81 06 SEND ORDER FORM TO SCHOOLS

10/15/81 - 10/15/81 06 SEND CAMERA-READY COPY OF FORM TO PRINTER

11/01/81 - 11/15/81 06 REVIEW ORDERS PLACED BY SCHOOLS

12/01/81 - 12/30/81 06 PRINT FORMS

1/1/82 - 1/30/82 06 DELIVER FORMS TO PUBLIC

06/01/81 - 01/30/82 05 DEVELOP SPECIAL CONDITION FORM

06/01/81 - 08/01/81 06 BEGIN DEVELOPMENT OF FORM

08/01/81 - 08/01/81 06 SUBMIT FORM TO FEDAC FOR CLEARANCE

08/01/81 - 09/01/81 06 ESTABLISH PRINTING QUANTITIES

09/01/81 - 09/01/81 06 SUBMIT PRINTING REQUISITION TO GPO

10/15/81 - 10/15/81 06 SEND CAMERA READY COPY OF FORM TO PRINTER

12/01/81 - 12/30/81 06 PRINT FORMS

01/01/82 - 01/30/82 06 DELIVER FORMS TO PUBLIC

08/15/81 - 12/31/81 05 DEVELOP STUDENT AID REPORT

08/15/81 - 1/30/81 06 BEGIN DEVELOPMENT OF FORM

09/30/81 - 9/30/81 06 FINALIZE DATA ELEMENTS

10/15/81 - 12/15/81 06 SUBMIT FORM TO FEDAC FOR CLEARANCE

11/01/81 - 11/01/81 06 ORDER SAR PAPER

12/01/81 - 12/30/81 06 APPROVE PROOF

07/01/81 - 06/30/82 04 DEVELOP AND IMPLEMENT CENTRAL PROCESSING SYSTEM

07/01/81 - 01/15/82 05 DEVELOP MANUAL AND COMPUTER EDITING CRITERIA

07/01/81 - 09/15/81 06 DESIGN SYSTEM SPECIFICATIONS

09/15/81 - 09/15/81 06 DELIVER SPECIFICATION PACKAGE TO CONTRACTOR

09/15/81 - 01/15/82 06 DEVELOP NEW SYSTEM

10/01/81 - 02/01/82 05 DEVELOP STANDARD RESPONSE MANUAL AND FORM LETTERS

12/15/81 - 12/15/81 06 DESIGN SYSTEM SPECIFICATIONS FOR APPLICATION

10/01/81 - 02/01/82 06 DEVELOP SAR COMMENTS

10/01/81 - 02/01/82 06 DEVELOP FORM LETTERS

10/01/81 - 02/01/82 06 DEVELOP STANDARD RESPONSE MANUAL AND

OPERATING PROCEDURES

10/01/81 - 02/15/82 05 DEVELOP INSTITUTION AND STATE ROSTER DELIVERY SYSTEM

10/01/81 - 11/30/81 06 DEVELOP INSTITUTION AND STATE OPTION FORM

10/01/81 - 11/30/81 06 DEVELOP DEAR COLLEAGUE LETTER

10/01/81 - 11/30/81 06 GENERATE SAMPLE ROSTER AND TABLES

11/30/81 - 12/15/81 06 SCHEDULE PRINTING OF OPTION PACKAGE

12/15/81 - 12/15/81 06 MAIL OPTION PACKAGE

12/15/81 - 01/15/82 06 RECEIVE OPTIONS AND AGREEMENTS AT ED

02/01/82 - 02/01/82 06 GIVE OPTION CRITERIA TO GPO

01/01/82 - 01/15/82 06 TEST PROGRAM CHANGES

02/15/82 - 02/15/82 06 START PROCESSING SYSTEM

11/01/81 - 01/15/82 05 BEGIN APPLICATION PROCESSING TESTING

11/01/81 - 11/30/81 06 DEVELOP PARAMETERS FOR TEST CASES

11/30/81 - 12/30/81 06 PREPARE TEST CASES

01/01/82 - 01/15/82 06 PARTICIPATE IN SYSTEM TESTING

01/15/82 - 01/15/82 06 START PROCESSING SYSTEM

01/15/82 - 01/15/82 05 BEGIN HISTORY CORRECTIONS TESTING

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01/15/82-02/01/82	06	PREPARE SAR TEST CASES	000
02/01/82-02/01/82	06	DELIVER TEST TO SDC	000
02/01/82-02/15/82	06	REVIEW TEST OUTPUT	000
02/15/82-02/15/82	06	START PROCESSING SYSTEM	000
12/01/81-01/15/82	05	BEGIN MDE TESTING	000
12/01/81-12/15/81	06	PREPARE MDE TEST FORMS	000
12/15/81-01/01/82	06	BEGIN MDE AGENCY/SDC PROCESSING	000
01/01/82-01/15/82	06	REVIEW OUTPUT	000
01/15/82-01/15/82	06	START PROCESSING SYSTEM	000
12/01/81-01/15/82	05	DEVELOP THE PELL GRANT FORMULA AND SYSTEM	000
		START-UP	000
12/01/81-12/01/81	06	APPROVE FCS	000
12/01/81-12/15/81	06	MODIFY COMPUTER PROGRAMS	000
12/15/81-01/01/82	06	INSTALL AND TEST FORMULA	000
01/15/82-01/15/82	06	IMPLEMENT	000
01/15/82-01/15/82	05	DELIVER SARs TO STUDENTS	000
01/15/82-01/30/82	06	COORDINATE PRODUCTION	000
	03	OPERATIONS	000
12/01/81-01/01/82	04	REVIEW STUDENT AID REPORT SECTION 3 AND COMPLETION	000
		INSTRUCTIONS	000
02/01/81-02/01/82	04	REVIEW APPLICANT ROSTER/TAPE SPECIFICATIONS	000
05/01/82-05/31/82	04	DEVELOP ELIGIBLE APPLICANT FILE SPECIFICATIONS	000
		(FROM COMPUTED APPLICANT RECORD)	000
11/01/81-07/01/82	04	MODIFY DISBURSEMENT SYSTEM INTERFACE	000
11/01/81-07/01/82	05	MODIFY INSTITUTION UNIVERSE INTERFACE	000
11/01/81-07/01/82	05	MODIFY ELIGIBLE APPLICANT STATS (TABLE 4) INTERFACE	000
	03	CERTIFICATION AND PROGRAM REVIEW	000
	03	QUALITY CONTROL	000
	03	SYSTEMS	000
	03	TRAINING AND DISSEMINATION	000
	02	FUND PLANNING	000
	03	POLICY	000
01/08/81-04/30/81	04	DEVELOP FAMILY CONTRIBUTION SCHEDULE	000
01/08/81-04/30/81	05	DEVELOP REGULATIONS	000
01/08/81-01/08/81	06	SUBMIT PROPOSED FORMULA INTO CLEARANCE	000
01/22/81-01/22/81	06	OBTAIN NPRM SIGNED BY THE SECRETARY	000
03/15/81-03/15/81	06	COMPLETE DRAFT PREAMBLE AND FINAL REGULATION	000
		AND ENTER INTO INFORMAL DEPARTMENTAL CLEARANCE	000
03/31/81-03/31/81	06	COMPLETE REVISION OF FINAL REGULATION AND	000
		ENTER INTO FORMAL CLEARANCE	000
03/31/81-04/30/81	06	MONITOR THROUGH CLEARANCE	000
04/30/81-04/30/81	06	OBTAIN SECRETARY SIGNATURE ON FINAL REGULATION	000
06/01/81-12/01/81	04	PREPARE BUDGET REQUEST	000
06/01/81-06/15/81	05	RECEIVE GUIDELINES FOR PROPOSAL PREPARATION	000
06/15/81-07/01/81	05	DETERMINE IMPACT AND DISTRIBUTIONAL AFFECT	000
07/01/81-07/15/81	05	PREPARE INITIAL OSFA RECOMMENDATION	000
07/15/81-11/15/81	05	MODEL VARIATIONS & INITIAL RECOMMENDATION	000
11/15/81-12/01/81	05	PREPARE DEPARTMENT RECOMMENDATION	000
10/01/81-09/30/82	04	RECEIVE APPROPRIATION	000
10/01/81-09/30/82	05	OBTAIN CONTINUING RESOLUTION	000
05/01/82-07/15/82	04	DEVELOP PAYMENT SCHEDULE	000
05/01/82-05/15/82	05	DEVELOP PAYMENT SCHEDULE AND INSTRUCTIONS	000
05/15/82-06/15/82	05	OBTAIN CLEARANCE	000
06/15/82-07/15/82	05	PRINT PAYMENT SCHEDULE	000
07/15/82-07/15/82	05	DISTRIBUTE PAYMENT SCHEDULE	000
	03	OPERATIONS	000
12/03/81-12/31/82	04	OBTAIN CONTRACT SUPPORT	000
12/03/81-11/15/82	05	SECURE DISBURSEMENT SYSTEM SOFTWARE SUPPORT	000
12/03/81-05/25/82	06	PREPARE DISBURSEMENT SYSTEM SOFTWARE RFP	000
	06	OBTAIN CLEARANCES	000

06/05/82-06/05/82	06	SUBMIT RFP TO CONTRACTS	001
06/01/82-07/30/82	06	RECEIVE AND EVALUATE PROPOSALS	001
10/01/82-10/31/82	06	NEGOTIATE AWARD	001
11/01/82-11/15/82	06	AWARD CONTRACT	001
02/01/82-03/31/82	05	SECURE DISBURSEMENT SYSTEM DATA PREP SUPPORT	001
02/01/82-04/30/82	06	PREPARE DISBURSEMENT SYSTEM DATA PREP RFP	001
05/06/82-05/31/82	06	OBTAIN CLEARANCES	001
05/31/82-05/31/82	06	SUBMIT RFP TO CONTRACTS	001
06/12/82-07/30/82	06	RECEIVE AND EVALUATE PROPOSAL	001
08/01/82-08/31/82	06	NEGOTIATE AWARD	001
09/15/82-09/30/82	06	AWARD CONTRACT	001
11/01/81-12/31/82	05	SECURE ALTERNATE DISBURSEMENT SYSTEM SUPPORT	001
11/01/81-05/31/82	06	PREPARE ALTERNATE DISBURSEMENT SYSTEM	001
06/01/82-07/31/82	06	RECONCILIATION STATEMENT OF WORK	001
06/01/82-06/30/82	06	OBTAIN CLEARANCES	001
06/01/82-06/30/82	06	SUBMIT STATEMENT OF WORK TO CONTRACTS	001
09/01/82-09/30/82	06	RECEIVE AND EVALUATE PROPOSAL	001
09/30/82-10/31/82	06	PREPARE TECHNICAL AND COST REPORT	001
10/31/82-11/15/82	06	NEGOTIATE PROPOSAL	001
11/15/82-11/30/82	06	PREPARE REVISED TECHNICAL AND COST REPORT	001
11/30/82-12/15/82	06	PREPARE ACCEPTANCE REPORT	001
12/15/82-12/31/82	06	ISSUE CONTRACT MODIFICATION	001
11/31/81-07/01/83	04	REGULAR DISBURSEMENT SYSTEM	001
04/20/82-04/30/82	05	REVIEW FUND INITIALIZATION REQUIREMENTS AND VERIFY	001
04/20/82-05/10/82	05	HANDLING OF SPECIAL CASES	001
02/01/82-06/30/82	05	REQUEST STOP-ACTION/PROBLEM SCHOOL LIST UPDATE	001
01/02/82-05/15/82	05	FROM PROGRAM REVIEW AND ILCB	001
01/02/82-02/28/82	06	REVIEW PAYMENT SCHEDULE INSTRUCTIONS	001
02/28/82-03/31/82	06	DEVELOP AUTHORIZATION LETTER	001
05/11/82-05/20/82	06	DEVELOP FORM/INSTRUCTIONS REVISIONS	001
06/14/82-06/14/82	06	ORDER FORMS	001
06/14/82-06/15/82	06	REVIEW AND APPROVE PROOF(3)	001
12/01/81-06/15/82	05	RECEIVE FORMS	001
12/01/81-12/31/81	06	APPROVE DELIVERED FORMS	001
01/02/82-01/31/82	06	DEVELOP PROGRESS REPORT AND INSTRUCTIONS	001
02/19/82-02/19/82	06	DEVELOP FORM/INSTRUCTIONS REVISIONS	001
03/19/82-04/09/82	06	FORWARD CLEARANCE PACKAGE TO FEDAC/OMB	001
05/04/82-05/04/82	06	RECEIVE FEDAC CLEARANCE	001
05/14/82-06/14/82	06	RECEIVE OMB CLEARANCE	001
06/15/82-06/15/82	06	ORDER FORMS	001
06/15/82-06/15/82	06	REVIEW AND APPROVE PROOF(3)	001
06/15/82-06/15/82	06	RECEIVE FORMS	001
06/15/82-06/15/82	06	APPROVE DELIVERED FORMS	001
07/26/82-07/26/82	05	OBTAIN FINAL PAYMENT SCHEDULE FROM DPPD	001
11/31/81-06/30/82	05	DEVELOP RECIPIENT EXCHANGE MANUAL	001
11/31/81-05/15/82	06	DEVELOP MANUAL REVISIONS	001
05/15/82-05/31/82	06	ORDER MANUAL	001
06/01/82-06/15/82	06	REVIEW AND APPROVE CAMERA READY COPY	001
06/30/82-06/30/82	06	RECEIVE MANUAL	001
06/30/82-06/30/82	06	DISTRIBUTE DELIVERED MANUALS	001
06/30/82-06/30/82	05	CONFIRM EDFMIS PROCESSING REQUIREMENTS	001
07/01/82-07/01/82	05	MODIFY DISBURSEMENT SYSTEM TO REFLECT LEGISLATIVE,	001
03/01/82-06/30/82	05	REGULATORY AND BUDGETARY CHANGES	001
03/01/82-05/15/82	06	TEST AND APPROVE DISBURSEMENT SYSTEM CHANGES	001
03/15/82-06/15/82	06	PREPARE SPECIFICATIONS	001
05/15/82-06/15/82	06	PROGRAM CHANGES	001
05/15/82-06/15/82	06	TEST CHANGES	001
05/15/82-06/15/82	06	SIGN-OFF ON CHANGES	001
05/15/82-06/15/82	05	OBTAIN ALLOTMENT AND CAN(S) FROM FINANCE	001
05/17/82-07/01/83	05	IMPLEMENT DISBURSEMENT SYSTEM	001
05/17/82-05/17/82	06	CREATE NEW YEAR INSTITUTION FILE	001

06/15/82-06/15/82	06	IMPLEMENT INSTITUTION UNIVERSE PROCESSING	00
06/17/82-06/17/82	06	IMPLEMENT ACCOUNTING PROCESSING	00
07/01/82-07/01/82	06	IMPLEMENT PROGRESS REPORT PROCESSING	00
07/15/82-07/15/82	06	IMPLEMENT SAR AND RECIPIENT EXCHANGE PROCESSING	00
07/01/83-07/01/83	06	IMPLEMENT SVR PROCESSING	00
06/01/82-06/14/82	05	ESTABLISH ALGORITHM PARAMETERS	00
06/11/82-06/16/82	06	EVALUATE ALTERNATIVE ALGORITHM RESULTS	00
06/11/82-06/16/82	06	RECOMMEND/SELECT ALGORITHM TO BE USED	00
06/01/82-06/11/82	06	FORWARD LIST OF SCHOOLS TO BE FUNDED FOR ILCB CERTIFICATION	00
07/01/82-04/05/83	05	DEVELOP STUDENT VALIDATION ROSTER	00
07/01/82-08/15/82	06	DEVELOP FORM/INSTRUCTIONS REVISIONS	00
08/15/82-08/20/82	06	FORWARD CLEARANCE PACKAGE TO FEDAC/OMB	00
08/20/82-10/31/82	06	RECEIVE FEDAC CLEARANCE	00
08/20/82-10/31/82	06	RECEIVE OMB CLEARANCE	00
11/01/82-11/15/82	06	ORDER FORMS	00
12/15/82-12/17/82	06	REVIEW AND APPROVE PROOF(S)	00
01/03/83-03/31/83	06	RECEIVE FORMS	00
03/31/83-04/05/83	06	APPROVE DELIVERED FORMS	00
11/20/81-07/15/83	04	ALTERNATE DISBURSEMENT SYSTEM.	00
04/20/82-01/20/82	05	REVIEW FUND INITIALIZATION REQUIREMENTS AND VERIFY HANDLING OF SPECIAL CASES.	00
02/01/82-06/30/82	05	REVIEW PAYMENT SCHEDULE INSTRUCTIONS	00
11/20/81-07/07/82	05	DEVELOP 304 FORM	00
12/15/81-12/15/81	06	DEVELOP FORM/INSTRUCTIONS REVISIONS	00
11/20/81-11/20/81	06	FORWARD CLEARANCE PACKAGE TO FEDAC/OMB	00
11/20/81-01/15/82	06	RECEIVE FEDAC CLEARANCE	00
01/15/82-03/10/82	06	RECEIVE OMB CLEARANCE	00
06/10/82-06/10/82	06	ORDER FORMS	00
05/28/82-06/10/82	06	REVIEW AND APPROVE PROOF(S)	00
06/30/82-06/30/82	06	RECEIVE FORMS	00
07/05/82-07/07/82	06	DISTRIBUTE DELIVERED FORMS	00
11/20/81-07/07/82	05	DEVELOP 304-1 FORM	00
12/15/81-12/15/81	06	DEVELOP FORM/INSTRUCTIONS REVISIONS	00
11/20/81-11/20/81	06	FORWARD CLEARANCE PACKAGE TO FEDAC/OMB	00
11/20/81-01/15/82	06	RECEIVE FEDAC CLEARANCE	00
01/15/82-03/10/82	06	RECEIVE OMB CLEARANCE	00
06/10/82-06/10/82	06	ORDER FORMS	00
05/28/82-06/10/82	06	REVIEW AND APPROVE PROOF(S)	00
06/30/82-06/30/82	06	RECEIVE FORMS	00
07/05/82-07/07/82	06	APPROVE DELIVERED FORMS	00
04/26/82-04/26/82	05	OBTAIN FINAL PAYMENT SCHEDULE FROM DPPD	00
04/04/82-07/07/82	05	DEVELOP ADS HANDBOOK	00
04/01/82-05/28/82	06	DEVELOP MANUAL REVISIONS	00
06/10/82-06/10/82	06	ORDER MANUAL	00
06/03/82-06/07/82	06	REVIEW AND APPROVE CAMERA READY COPY	00
06/30/82-06/30/82	06	RECEIVE MANUAL	00
07/05/82-07/07/82	06	DISTRIBUTE DELIVERED MANUALS	00
05/20/82-06/01/82	05	CONFIRM EDFMS PROCESSING REQUIREMENTS	00
01/22/82-03/25/82	05	MODIFY DISBURSEMENT SYSTEM TO REFLECT LEGISLATIVE, REGULATORY AND BUDGETARY CHANGES	00
01/01/82-07/01/82	05	TEST AND APPROVE DISBURSEMENT SYSTEM CHANGES	00
01/01/82-01/22/82	06	PREPARE SPECIFICATIONS	00
04/26/82-06/07/82	06	PROGRAM CHANGES	00
05/15/82-06/30/82	06	TEST CHANGES	00
06/11/82-07/01/82	06	SIGN-OFF ON CHANGES	00
04/13/82-04/13/82	05	OBTAIN ALLOTMENT AND CAN(S) FROM FINANCE	00
07/01/82-07/01/82	05	IMPLEMENT DISBURSEMENT SYSTEM	00
10/01/82-07/15/83	05	DEVELOP STUDENT VALIDATION ROSTER	00
10/01/82-10/01/82	06	DEVELOP FORM/INSTRUCTIONS REVISIONS	00
10/01/82-10/01/82	06	FORWARD CLEARANCE PACKAGE TO FEDAC/OMB	00

01/15/83 - 01/15/83	06	RECEIVE FEDAC CLEARANCE	00
02/15/83 - 02/15/83	06	RECEIVE DMR CLEARANCE	00
06/15/83 - 06/15/83	06	ORDER FORMS	00
07/15/83 - 07/15/83	06	REVIEW AND APPROVE PROOF(S)	00
01/03/83 - 03/15/83	06	RECEIVE FORMS	00
03/21/83 - 04/05/83	06	APPROVE DELIVERED FORMS	00
	03	CERTIFICATION AND PROGRAM REVIEW	00
	03	QUALITY CONTROL	00
	03	SYSTEMS	00
	03	TRAINING AND DISSEMINATION	00
02		QUALITY ASSURANCE PLANNING	00
02		TRAINING PLANNING	00

GOALS/OBJECTIVE MANAGEMENT SYSTEM-DELIVERY ELEMENT

5/27/82
11/2/82

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01	DELIVERY				00
02	APPLICATION PROCESSING				00
03	POLICY				00
02/01/82-12/01/83	04	DELIVER STUDENT AID REPORTS			00
03/01/82-06/01/83	04	DELIVER INSTITUTIONAL POSTERS			00
03/01/82-08/01/83	04	DELIVER STATE AGENCY POSTERS			00
04/01/82-08/01/83	04	DELIVER ELIGIBLE APPLICANT STATS (TABLE 4)			00
03/01/82-12/01/83	04	DELIVER HISTORY CORRECTIONS			00
03/01/82-06/01/83	04	DELIVER ABBREVIATED APPLICANT FILE,			00
03	OPERATIONS				00
07/01/82-12/01/83	04	FORWARD INSTITUTION UNIVERSE TAPE(S) TO CENTRAL			00
05/19/82-07/01/83	04	PROCESSOR/MDE			00
07/01/82-07/01/83	04	PROCESS ELIGIBLE APPLICANT STATISTICS TAPE(S) - TABLE 4			00
07/01/82-07/01/83	04	LOAD ELIGIBLE APPLICANT FILE (FROM CENTRAL PROCESSOR)			00
03	CERTIFICATION AND PROGRAM REVIEW				00
03	QUALITY CONTROL				00
03	SYSTEMS				00
03	TRAINING AND DISSEMINATION				00
02	FUND PROCESSING				00
03	POLICY				00
03	OPERATIONS				00
5/17/82-12/31/83	04	REGULAR DISBURSEMENT SYSTEM			00
05/17/82-12/31/83	05	INSTITUTE AND MAINTAIN INSTITUTION UNIVERSE PROCESSING			00
06/17/82-06/18/82	05	RUN INITIALIZATION ALGORITHM			00
06/18/82-07/01/82	05	INSTITUTE ACCOUNTING PROCESSING			00
06/18/82-06/21/82	06	PRODUCE AUTHORIZATION LETTERS AND APPROVAL LIST			00
06/21/82-06/25/82	06	REVIEW AUTHORIZATION LETTERS AND APPROVAL LIST			00
06/25/82-07/01/82	06	DISTRIBUTE AUTHORIZATION LETTERS			00
10/01/82-09/30/83	05	INSTITUTE PROGRESS REPORT AND SAR PROCESSING			00
10/01/82-12/15/82	06	PROCESS OCTOBER PROGRESS REPORTS AND ACCOMPANYING SARs			00
11/01/82-01/15/83	07	DISTRIBUTE REVISED AUTHORIZATION LETTERS FOR FUND ADJUSTMENTS			00
12/01/82-01/31/83	07	PURSUe PROGRESS REPORT NON-RESPONDENTS			00
11/30/82-02/15/83	07	RESOLVE PROGRESS REPORT/SAR DISCREPANCIES			00
02/01/83-04/15/83	06	PROCESS FEBRUARY PROGRESS REPORTS AND ACCOMPANYING SARs			00
03/01/83-05/15/83	07	DISTRIBUTE REVISED AUTHORIZATION LETTERS FOR FUND ADJUSTMENTS			00
03/15/83-06/15/83	07	PURSUe PROGRESS REPORT NON-RESPONDENTS			00
03/31/83-06/15/83	07	RESOLVE PROGRESS REPORT/SAR DISCREPANCIES			00
05/27/83-08/15/83	06	PROCESS JUNE PROGRESS REPORTS AND ACCOMPANYING SARs			00
06/27/83-09/15/83	07	DISTRIBUTE REVISED AUTHORIZATION LETTERS FOR FUND ADJUSTMENTS			00
08/01/83-11/15/83	07	PURSUe PROGRESS REPORT NON-RESPONDENTS			00
07/31/83-10/15/83	07	RESOLVE PROGRESS REPORT/SAR DISCREPANCIES			00
01	ANAL YSE PROCESSING TURNAROUND AND FEED				00

	FREQUENCIES	
07/01/82 - 12/31/83	05	MAINTAIN FUND ACCOUNTABILITY
07/01/82 - 12/31/83	06	RECONCILE INTERNAL RECORDS
07/01/82 - 12/31/83	06	RECONCILE EXTERNAL RECORDS
07/01/82 - 12/31/83	06	CONTROL RELEASE OF FUNDS
07/01/82 - 06/30/83	06	PREPARE FUND PROJECTIONS
11/01/82 - 06/30/83	06	IDENTIFY UNACCEPTABLE FUND REQUEST PATTERNS
07/01/82 - 12/31/83	06	REFER PROBLEM INSTITUTIONS TO PROGRAM REVIEW AND/OR OIG
07/01/82 - 12/31/83	05	FULFILL DATA/DOCUMENT REQUESTS
07/01/82 - 12/31/83	04	ALTERNATE DISBURSEMENT SYSTEM
07/01/82 - 07/01/82	05	LOAD INSTITUTION UNIVERSE FILE
07/15/82 - 10/30/83	05	INSTITUTE 304 FORM PROCESSING—
07/22/82 - 10/30/83	06	GENERATE 304-1 FORM
07/22/82 - 10/30/83	06	GENERATE OBLIGATION/DISBURSEMENT TRANSACTIONS AND TREASURY CHECK TAPES
07/22/82 - 10/30/83	06	GENERATE ADS STUDENTS BY INSTITUTION TAPE
07/15/82 - 10/30/83	05	PROCESS 304-1 FOR SUBSEQUENT PAYMENTS
07/15/82 - 10/30/83	06	GENERATE FINAL 304-1 FORM
07/22/82 - 10/30/83	06	GENERATE OBLIGATION/DISBURSEMENT TRANSACTIONS AND TREASURY CHECK TAPES
07/22/82 - 10/30/83	06	GENERATE ADS STUDENTS BY INSTITUTION TAPE
07/01/82 - 10/30/83	05	MAINTAIN FUND ACCOUNTABILITY
11/01/82 - 06/30/83	06	RECONCILE INTERNAL RECORDS
11/01/82 - 06/30/83	06	RECONCILE EXTERNAL RECORDS
07/15/82 - 10/30/83	06	CONTROL RELEASE OF FUNDS
07/01/82 - 10/30/83	06	REFER PROBLEM CASES TO PROGRAM REVIEW AND/OR OIG
11/15/82 - 07/15/83	05	PRODUCE RECIPIENT EXCHANGE SAR TAPE
11/15/82 - 11/15/82	06	PRODUCE IN OCTOBER
03/15/83 - 03/15/83	06	PRODUCE IN FEBRUARY
07/15/83 - 07/15/83	06	PRODUCE IN JUNE
7/15/82 - 10/30/83	05	GENERATE ADS SUMMARY STATISTICS
01/01/83 - 12/31/83	05	INITIATE COLLECTION ACTIVITIES
01/01/83 - 12/31/83	06	NOTIFY STUDENT
01/01/83 - 12/31/83	06	ESTABLISH ACCOUNT RECEIVABLE
01/01/83 - 12/31/83	06	RECEIVE AND DEPOSIT PAYMENTS
01/01/83 - 12/31/83	06	RETIRE ACCOUNT RECEIVABLE
01/01/83 - 03	03	CERTIFICATION AND PROGRAM REVIEW
	03	QUALITY CONTROL
	03	SYSTEMS
	03	TRAINING AND DISSEMINATION
	02	COLLECTIONS
	02	QUALITY ASSURANCE
	02	TRAINING

GOALS/OBJECTIVE MANAGEMENT SYSTEM-WRAP-UP ELEMENT ~~3720122~~

01 WRAP UP

02 APPLICATION PROCESSING ANALYSIS AND REVIEW

03 POLICY

11/30/83 - 02/15/84 04 END-OF-YEAR REPORT

11/30/83 - 02/15/84 05 REPORT GENERATION

11/30/83 - 12/01/83 06 DISTRIBUTE RESEARCH TABLES FOR COMMENT

12/01/83 - 12/15/83 06 CONSOLIDATE COMMENTS AND PREPARE REPORT SPECIFICATIONS

12/01/83 - 12/15/83 06 REVIEW SPECIFICATIONS WITH SDC

12/15/83 - 12/15/83 06 RECEIVE RECIPIENT TAPE FROM DPO

01/15/84 - 02/01/84 06 REVIEW SDC DRAFT

02/01/84 - 02/15/84 06 OBTAIN FINAL REPORT

02/01/84 - 02/15/84 06 OBTAIN FINAL RESEARCH TABLES

03 OPERATIONS

12/01/83 - 12/15/83 04 PROVIDE RECIPIENT FILE FOR END OF YEAR REPORT

03 CERTIFICATION AND PROGRAM REVIEW

03 QUALITY CONTROL

03 SYSTEMS

03 TRAINING AND DISSEMINATION

02 FUND PROCESSING ANALYSIS AND REVIEW

03 POLICY

03 OPERATIONS

11/30/83 - 02/15/84 04 REGULAR DISBURSEMENT SYSTEM

11/30/83 - 01/31/84 05 PREPARE OPERATIONS END OF YEAR REPORT

07/10/84 - 08/30/84 05 ANALYZE ROSTER CORRECTIONS

11/30/83 - 02/15/84 04 ALTERNATE DISBURSEMENT SYSTEM

11/30/83 - 01/31/84 05 PREPARE OPERATIONS END OF YEAR REPORT

07/10/84 - 08/30/84 05 ANALYZE ROSTER CORRECTIONS

03 CERTIFICATION AND PROGRAM REVIEW

03 QUALITY CONTROL

03 SYSTEMS

03 TRAINING AND DISSEMINATION

02 APPLICATION PROCESSING CLOSE-OUT

03 POLICY

03 OPERATIONS

02/30/83 - 04/30/84 04 PROCESS FINAL ELIGIBLE APPLICANT FILE UPDATE

10/01/83 - 03/31/84 04 RETRIEVE ALL FEDERAL PROPERTY

02/01/84 - 04/30/84 04 ARCHIVE PROGRAM DOCUMENTS

03 CERTIFICATION AND PROGRAM REVIEW

03 QUALITY CONTROL

03 SYSTEMS

03 TRAINING AND DISSEMINATION

02 FUND PROCESSING CLOSE-OUT

03 POLICY

03 OPERATIONS

07/01/83 - 04/30/84 04 REGULAR DISBURSEMENT SYSTEM

07/01/83 - 10/31/83 05 ISSUE INITIAL STUDENT VALIDATION ROSTERS

07/30/83 - 12/30/83 05 PROCESS RETURNED STUDENT VALIDATION ROSTERS

07/30/83 - 12/15/83 06 RECONCILE INSTITUTIONAL ACCOUNTS

08/30/83 - 12/30/83 06 FOLLOW-UP ON STUDENT VALIDATION ROSTER NON-RESPONDENTS

09/30/83 - 04/15/84 05 PRODUCE FINAL STUDENT VALIDATION ROSTERS

09/30/83 - 02/15/84 05 CLOSE INSTITUTIONAL ACCOUNTS AND PRODUCE AUTHORIZATION LETTERS

10/05/83 - 02/23/84 05 DISTRIBUTE FINAL STUDENT VALIDATION ROSTERS AND AUTHORIZATION LETTERS

10/30/83 - 04/30/84 05 RECEIVE REQUESTS FOR ROSTER CORRECTIONS

11/01/83 - 05/05/84 06 ACCEPT/REJECT REQUESTS FOR ROSTER CORRECTIONS

11/05/83 - 05/30/84	06	PROCESS ACCEPTED REQUESTS FOR ROSTER CORRECTIONS	00
12/01/83 - 06/01/84	06	REOPEN AND RECONCILE INSTITUTIONAL ACCOUNTS	00
12/15/83 - 06/15/84	06	PRODUCE REVISED FINAL STUDENT VALIDATION ROSTERS	00
12/16/83 - 06/22/84	06	RECLOSE INSTITUTIONAL ACCOUNTS AND PRODUCE	00
		AUTHORIZATION LETTERS	00
12/19/83 - 07/06/84	06	PERFORM QUALITY CONTROL ON REVISED FINAL STUDENT	00
		VALIDATION ROSTERS	00
01/05/84 - 07/10/84	06	DISTRIBUTE REVISED FINAL STUDENT VALIDATION	00
		ROSTERS AND AUTHORIZATION LETTERS	00
11/01/83 - 04/30/84	04	ALTERNATE DISBURSEMENT SYSTEM	00
11/01/83 - 04/31/84	05	ISSUE INITIAL STUDENT VALIDATION ROSTER	00
11/30/83 - 04/30/84	05	PROCESS RETURNED STUDENT VALIDATION ROSTERS	00
11/30/83 - 3/15/84	06	RECONCILE STUDENT ACCOUNTS	00
12/30/83 - 4/30/84	06	FOLLOW-UP ON STUDENT VALIDATION ROSTER	00
		NON-RESPONDENTS	00
3/30/84 - 07/15/84	05	ISSUE FINAL STUDENT VALIDATION ROSTERS	00
3/30/84 - 07/15/84	05	CLOSE STUDENT ACCOUNTS	00
	03	CERTIFICATION AND PROGRAM REVIEW	00
	03	QUALITY CONTROL	00
	03	SYSTEMS	00
	03	TRAINING AND DISSEMINATION	00
-02		QUALITY ASSURANCE	00
02		TRAINING	00

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ATTACHMENT C

REFINED NETWORK ACTIVITY LIST

PROJECT NAME: MBD1 PELL GRANT DELIVERY SYSTEM
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PROJECT: START 01JAN81 FINISH 01NOV85

RUN DATE: 11OCT82 PAGE 1
MODIFICATION NO. 14
SCHEDULE DATE 30APR82
SCHEDULE NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

PROJECT ACTIVITY REPORT
ACTIVITY REPORT WITH PREDECESSOR-SUCCESSOR DATA
SELECTION ON: AC

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSDNETICS, INC.

SORT ORDER: AN

INODE JNODE	DESCRIPTION *AFFECTS START *APPLIES TO PRED & SUCC	PCT CMP	DUR REN	EARLY START ORG	LATE START FINISH	RESOURCE NAME CODE	RESOURCE BUDGET ACTUAL UNIT QUANTITY QUANTITY MEAS
0001 1000	START PELL GRANTS CODE= ACS-01JAN81 ACF-01JAN81	100	0	0 A01JAN81 1 A01JAN81	STARTED FINISHED		
SUCC= 1030	*DES-DEVELOP FED APPLICATION	100	0	0 A01APR81	STARTED		
SUCC= 1050	*DES-DEVELOP SPECIAL CONDITIO	100	0	0 A01JAN81	STARTED		
SUCC= 1090	*DES-DEVELOP FORMS	100	0	0 A01APR81	STARTED		
SUCC= 1100	*DES-DUMMY	100	0	0 A01JAN81	STARTED		
SUCC= 1185	*DES-REVIEW BAR SECT 3 & COMP	100	0	0 A01DEC81	STARTED		
SUCC= 1199	*DES-DEVELOP STUDENT AID REPO	100	0	0 A15AUG81	STARTED		
SUCC= 2009	*DES-DEVELOP FAMILY CONTRIBUT	100	0	0 A08JAN81	STARTED		
SUCC= 2010	*DES-DEVELOP REGULATIONS	100	0	0 A08JAN81	STARTED		
SUCC= 2204	*DES-DUMMY	100	0	0 A01JAN81	STARTED		
SUCC= 1198	*DES-MODIFY DISBURSEMENT SYS	74	62	0 A01NOV81	STARTED		
PRED= 0001	* DESSTART PELL GRANTS	100	0	0 A01JAN81	FINISHED		
1000 1030	DEVELOP FED APPLICATION FORM CODE=AAAAA0 P B 1 5 ACS-01APR81 ACF-30JAN82	100	0	0 A01APR81 304 A30JAN82	STARTED FINISHED		
SUCC= 1199	*DES-DUMMY	100	0	0 A30JAN82	STARTED		
PRED= 0001	* DESSTART PELL GRANTS	100	0	0 A01JAN81	FINISHED		
1000 1030	DEVELOP SPECIAL CONDITION FORM CODE=AAAAB0 P B 1 5 ACS-01JAN81 ACF-30JAN82	100	0	0 A01JAN81 245 A30JAN82	STARTED FINISHED		
SUCC= 1199	*DES-DUMMY	100	0	0 A30JAN82	STARTED		
PRED= 0001	* DESSTART PELL GRANTS	100	0	0 A01JAN81	FINISHED		
1000 1090	DEVELOP FORMS CODE=AAAAA0 P B 1 4 ACS-01APR81 ACF-30JAN82	100	0	0 A01APR81 304 A30JAN82	STARTED FINISHED		
SUCC= 1199	*DES-DUMMY	100	0	0 A30JAN82	STARTED		
PRED= 0001	* DESSTART PELL GRANTS	100	0	0 A01JAN81	FINISHED		
1000 1185	REVIEW BAR SECT 3 & COMPLETION INST CODE=AAB000 D B 1 4 ACS-01DEC81 ACF-31JAN82	100	0	0 A01DEC81 62 A31JAN82	STARTED FINISHED		
SUCC= 1199	*DES-DUMMY	100	0	0 A31JAN82	STARTED		
PRED= 0001	* DESSTART PELL GRANTS	100	0	0 A01JAN81	FINISHED		
1000 1198	MODIFY DISBURSEMENT SYS INTERFACE CODE=AABCOO D B 1 4 ACS-01NOV81	74	62	0 A01NOV81 243 30JAN82	STARTED 01NOV85		

PROJECT NAME: HSD1
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PELL GRANT DELIVERY SYSTEM

PROJECT: START 01JAN81 FINISH 01NOV83

PROJECT ACTIVITY REPORT
ACTIVITY REPORT WITH PREDECESSOR-SUCCESSOR DATA
SELECTION CR: C

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSTONETICS, INC.

SORT ORDER: AN

RUN DATE: 11OCT82 PAGE 2
MODIFICATION NO. 14
SCHEDULE DATE 30APR82
SCHEDULE NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

INODE JNODE	DESCRIPTION *AFFECTS START *APPLIES TO PRED & SUCC	PCT CMP	DUR REM	EARLY START FINISH	LATE START FINISH	RESOURCE NAME CODE	RESOURCE BUDGET ACTUAL UNIT QUANTITY QUANTITY MEAS
PRED= 0001	* DEBSTART PELL GRANTS	100	0	01JAN81	FINISHED		
1000	DEVELOP STUDENT AID REPORT	100	0	01JAN81	STARTED		
1199	CODE=AAAAC0 P 8 2 5 ACB=15AUG81 ACF=30DEC81	138		03DEC81	FINISHED		
SUCC= 6000	DES-INPLEMENT C.P. SYSTEM	22	258	01APR82	STARTED		
PRED= 0001	* DEBSTART PELL GRANTS	100	0	01JAN81	FINISHED		
1000	DEVELOP FAMILY CONTRIBUTION SCHEDULE	100	0	01JAN81	STARTED		
2009	CODE=ASAAAO P 8 1 4 ACB=08JAN81 ACF=30APR81	113		03APR81	FINISHED		
SUCC= 2008	*DES=DUPPY	0	0	30APR82	30JAN83		
PRED= 0001	* DEBSTART PELL GRANTS	100	0	01JAN81	FINISHED		
1000	DEVELOP REGULATIONS	100	0	01JAN81	STARTED		
2010	CODE=ASAAAO P 8 1 5 ACB=08JAN81 ACF=30APR81	113		03APR81	FINISHED		
SUCC= 2012	*DES=DEVELOP PAYMENT SCHEDULE	0	18	30APR82	24FEB83		
SUCC= 2018	*DES=DEVELOP PAYMENT SCHEDULE	0	74	30APR82	04MAR83		
SUCC= 2020	*DES=DUPPY	0	0	30APR82	30JAN83		
PRED= 1000	* DESDUPPY	100	0	01JAN81	FINISHED		
1100	MODIFY INSTITUTION UNIVERSE INTERFACE	74	42	01NOV81	STARTED		
1102	CODE=AASCAO D 8 1 5 ACB=01NOV81	243		30JUN82	17APR84		
SUCC= 1199	*DES=DUPPY	0	0	01JUL82	18APR84		
PRED= 1000	* DESDUPPY	100	0	01JAN81	FINISHED		
1100	MODIFY ELIGIBLE APPLICANT STATE INTERFACE	74	42	01NOV81	STARTED		
1104	CODE=AASCB0 D 8 1 5 ACB=01NOV81	243		30JUN82	17APR84		
SUCC= 1199	*DES=DUPPY	0	0	01JUL82	18APR84		
PRED= 1000	* DESDUPPY	100	0	01JAN81	FINISHED		
1100	BEGIN MDE TESTING	100	0	01DEC81	STARTED		
1106	CODE=AAABFO D 8 1 5 ACB=01DEC81 ACF=15JAN82	44		01JAN82	FINISHED		
SUCC= 1199	*DES=DUPPY	0	0	30APR82	18APR84		

PROJECT NAME: MSD1
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PELL GRANT DELIVERY SYSTEM

PROJECT: START 01JAN81 FINISH 01NOV85

PROJECT ACTIVITY REPORT
ACTIVITY REPORT WITH PREDECESSOR-SUCCESSOR DATA
SELECTION ON: AC

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSTONETICS, INC.

REPORT ORDER: AN

RUN DATE 11OCT82 PAGE 3
MODIFICATION NO. 14
SCHEDULE DATE 30APR82
SCHEDULE NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

INODE JNODE	DESCRIPTION *AFFECTS START *APPLIES TO PRED & SUCC	PCT CMP	DUR REN	EARLY START OR FINISH	LATE START FINISH	RESOURCE NAME CODE	BUDGET QUANTITY	ACTUAL QUANTITY	UNIT MEAS
PRED= 1000	* DESDURRY	100	0	A01JAN81	FINISHED				
1100	BEGIN APPLICATION PROCESSING TESTING	100	0	A01NOV81	STARTED				
1140	CODE=AAABD0 D B 1 5 ACS=01NOV81 ACF=15JAN82		74	A15JAN82	FINISHED				
SUCC= 1150	*DES-BEGIN HISTORY CORRECTION	100	0	A15JAN82	STARTED				
PRED= 1000	DESDURRY	100	0	A01JAN81	FINISHED				
1100	DEVELOP ELIGIBLE APPLICANT FILE SPECS	0	31	*01MAY82	15JAN84				
1145	CODE=AA800 D B 1 4 SNE=01MAY82		31	31MAY82	17FEB84				
SUCC= 3080	*DES-DURRY	0	0	01JUN82	18FEB84				
PRED= 1000	* DESDURRY	100	0	A01JAN81	FINISHED				
1100	DEV PELL GRANT FORMULA AND SYS START	100	0	A01DEC81	STARTED				
1170	CODE=AA800 D B 1 5 ACS=01DEC81 ACF=15JAN82		46	A15JAN82	FINISHED				
SUCC= 3130	*DES-DURRY	0	0	30APR82	17MAR84				
SUCC= 1190	*DES-DELIVER BARS TO STUDENTS	19	427	A15JAN82	STARTED				
PRED= 1000	* DESDURRY	100	0	A01JAN81	FINISHED				
1100	DEVELOP CF SYSTEM	100	0	A01JUL81	STARTED				
1199	CODE=AA800 D B 1 4 ACS=01JUL81 ACF=15FEB82		230	A15FEB82	FINISHED				
SUCC= 6000	DES-IMPLEMENT C.P. SYSTEM	22	256	A16FEB82	STARTED				
PRED= 1000	* DESDURRY	100	0	A01JAN81	FINISHED				
1100	REVIEW APPLICATION ROSTER/TAPE SPECS	100	0	A01DEC81	STARTED				
3000	CODE=AA8A00 D B 1 4 ACS=01DEC81 ACF=31MAR82		121	A31MAR82	FINISHED				
SUCC= 3003	*DES-DURRY	0	0	30APR82	30SEP84				
SUCC= 3040	*DES-DELIVER INSTITUTIONAL RO	39	93	A30MAR82	STARTED				
SUCC= 3080	*DES-DELIVER ELIGIBLE APPLICA	24	93	A01APR82	STARTED				
SUCC= 3083	*DES-DELIVER HISTORY CORRECTI	22	215	A01MAR82	STARTED				
SUCC= 3090	*DES-DELIVER ABBREVIATED APPL	0	154	30APR82	31JUL84				
SUCC= 3999	*DES-DELIVER STUDENT AID REPO	13	980	A01FEB82	STARTED				
PRED= 1100	* DESDURRY	100	0	A01JAN81	FINISHED				
1110	DEV MANUAL AND COMPUTER EDIT CRITERIA	100	0	A01JUL81	STARTED				
1199	CODE=AA8A0 D B 1 5 ACS=01JUL81 ACF=15JAN82		148	A15JAN82	FINISHED				

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PROJECT NAME: M8D1 PELL GRANT DELIVERY SYSTEM
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PROJECT: START 01JAN81 FINISH 01NOV85

RUN DATE 11OCT82 PAGE 9
MODIFICATION NO. 11
SCHEDULE DATE 30APR82
SCHEDULE NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

PROJECT ACTIVITY REPORT
ACTIVITY REPORT WITH PREDECESSOR-SUCCESSOR DATA
SELECTION ON: AC

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSTEMETICS, INC.

SORT ORDER: AN

INODE JNODE	DESCRIPTION *AFFECTS START *APPLIES TO PRED & SUCC	PCT CMP	DUR REM	EARLY START FINISH	LATE START FINISH	RESOURCE NAME CODE	BUDGET QUANTITY	RESOURCE ACTUAL QUANTITY	UNIT MEAS
SUCC= 6110	DES=DUMMY	0	0	01JAN85	18OCT85				
SUCC= 6200	DES=DUMMY	0	0	01JAN85	31JAN85				
SUCC= 6300	DES=DUMMY	0	0	01JAN85	31JAN85				
SUCC= 6500	DES=DUMMY	0	0	01JAN85	01JAN85				
SUCC= 6600	DES=DUMMY	0	0	01JAN85	04MAY85				
SUCC= 6700	DES=DUMMY	0	0	01JAN85	03JUL85				
SUCC= 7000	DES-END-OF-YEAR REPORT	0	78	01JAN85	14AUG85				
PRED= 1000	* DESDEVELOP REGULATIONS	100	0	A30APR81	FINISHED				
PRED= 2008	* DESDUMMY	0	0	30APR82	30JAN83				
2010	DEVELOP PAYMENT SCHEDULE AND INS	0	18	30APR82	24FEB83				
2012	CODE=ABADA0 P 8 1 5		18	14MAY82	10MAR83				
SUCC= 2014	*DES-OBTAIN CLEARANCE	0	31	18MAY82	18MAR83				
SUCC= 2201	*DES-DUMMY	0	0	18MAY82	11MAR83				
PRED= 1000	* DESDEVELOP REGULATIONS	100	0	A30APR81	FINISHED				
PRED= 2008	* DESDUMMY	0	0	30APR82	30JAN83				
2010	DEVELOP PAYMENT SCHEDULE	0	74	30APR82	04MAR83				
2018	CODE=ABAD00 P 8 1 4		74	14JUL82	18MAY83				
SUCC= 2050	DES=DUMMY	0	0	14JUL82	31OCT83				
SUCC= 2242	DES-OBTAIN FINAL PAYMENT SCH	0	1	14JUL82	30MAY83				
SUCC= 2318	DES-OBTAIN FINAL PAYMENT SCH	100	0	A24APR82	STARTED				
PRED= 2010	* DESDEVELOP PAYMENT SCHEDULE	0	18	14MAY82	10MAR83				
2012	OBTAIN CLEARANCE	0	31	18MAY82	18MAR83				
2014	CODE=ABAD80 P 8 1 5		31	14JUN82	17APR83				
SUCC= 2016	*DES-PRINT PAYMENT SCHEDULE	0	30	15JUN82	18APR83				
PRED= 2012	* DESOBTAIN CLEARANCE	0	31	14JUN82	17APR83				
2014	PRINT PAYMENT SCHEDULE	0	30	15JUN82	18APR83				
2016	CODE=ABAB00 P 8 1 5		30	14JUL82	17MAY83				
SUCC= 2018	*DES-DISTRIBUTE PAYMENT SCHED	0	1	15JUL82	18MAY83				
PRED= 2014	* DESPRINT PAYMENT SCHEDULE	0	30	14JUL82	17MAY83				
2016	DISTRIBUTE PAYMENT SCHEDULE	0	1	15JUL82	18MAY83				
2018	CODE=ABAB00 P 8 1 5		1	15JUL82	18MAY83				

PROJECT NAME: M801 PELL GRANT DELIVERY SYSTEM
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PROJECT: START 01JAN81 FINISH 01NOV83

PROJECT ACTIVITY REPORT
ACTIVITY REPORT WITH PREDECESSOR-SUCCESSOR DATA
SELECTION ON: AC

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSTONETICS, INC.
SORT ORDER: AN

RUN DATE: 11OCT82 PAGE 4
MODIFICATION NO. 14
SCHEDULE DATE 30APR82
SCHEDULE NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

INODE JNODE	DESCRIPTION *AFFECTS START *APPLIES TO PRED & SUCC	PCT CMP	DUR REN	EARLY START	LATE START	RESOURCE NAME CODE	RESOURCE BUDGET	RESOURCE ACTUAL	UNIT QUANTITY
SUCC= 2030	*DES-DUPPY	0	0	14JUL82	31OCT83				
SUCC= 2262	*DES-OBTAIN FINAL PAYMENT SCH	0	1	14JUL82	30MAY85				
SUCC= 2318	*DES-OBTAIN FINAL PAYMENT SCH	100	0	A26APR82	STARTED				
PRED= 2010	DESDEVELOP PAYMENT SCHEDULE	0	76	14JUL82	18MAY83				
PRED= 2016	* DESDISTRIBUTE PAYMENT SCHED	0	1	15JUL82	18MAY83				
2018	OBTAIN FINAL PAYMENT SCHEDULE FROM DPPD	0	1	14JUL82	30MAY85				
2262	CODE=ABBBFO O R 1 5	1	14JUL82	30MAY85					
SUCC= 2264	DES-ESTABLISH ALGORITHM PARA	0	14	18NOV82	31MAY85				
PRED= 2010	DESDEVELOP PAYMENT SCHEDULE	0	76	14JUL82	18MAY83				
PRED= 2016	* DESDISTRIBUTE PAYMENT SCHED	0	1	15JUL82	18MAY83				
2018	OBTAIN FINAL PAYMENT SCHEDULE FROM DPPD	100	0	A26APR82	STARTED				
2318	CODE=ABBCFO O A 1 5	1	A26APR82	FINISHED					
SUCC= 2340	*DES-DUPPY	0	0	14JUL82	19MAY83				
PRED= 2010	* DESDUPPY	0	0	30APR82	30JAN83				
2020	RECEIVE GUIDELINES FOR PROPOSAL PREP	100	0	A01JUN81	STARTED				
2022	CODE=ABABAO P B 1 5	15	A15JUN81	FINISHED					
SUCC= 2023	*DES-DETERMINE IMPACT AND DIS	100	0	A15JUN81	STARTED				
PRED= 2010	* DESDUPPY	0	0	30APR82	30JAN83				
2020	PREPARE BUDGET REQUEST	100	0	A01JUN81	STARTED				
2030	CODE=ABABOO P B 1 4	184	A01DEC81	FINISHED					
SUCC= 4330	*DES-DUPPY	0	0	30APR82	02JUL83				
PRED= 2020	* DESRECEIVE GUIDELINES FOR P	100	0	A15JUN81	FINISHED				
2022	DETERMINE IMPACT AND DISTRIBUTIONAL EFFECT	100	0	A15JUN81	STARTED				
2023	CODE=ABABSO P B 1 5	17	A01JUL81	FINISHED					
SUCC= 2024	*DES-PREPARE INITIAL DSFA REC	100	0	A01JUN81	STARTED				
PRED= 2022	* DESDETERMINE IMPACT AND DIS	100	0	A01JUL81	FINISHED				
2023	PREPARE INITIAL DSFA RECOMMENDATION	100	0	A01JUN81	STARTED				
2024	CODE=ABABCO P B 1 5	17	A15JUL81	FINISHED					

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PROJECT NAME: HSD1 PELL GRANT DELIVERY SYSTEM
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PROJECT: START 01JAN81 FINISH 01NOV85

PROJECT ACTIVITY REPORT
ACTIVITY REPORT WITH PREDECESSOR-SUCCESSOR DATA
SELECTION ON: AC

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSTONETICS, INC.

PORT ORDER: AN

RUN DATE: 11OCT82 PAGE 7
MODIFICATION NO. 14
SCHEDULE DATE 30APR82
SCHEDULE NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

INODE JNODE	DESCRIPTION *AFFECTS START 0=APPLIES TO PRED & SUCC	PCT CHP	DUR REM ORG	EARLY START FINISH	LATE START FINISH	RESOURCE NAME CODE	RESOURCE BUDGET QUANTITY	RESOURCE ACTUAL QUANTITY	UNIT MEAS
SUCC= 2028	*DES-MODEL VARIATIONS OF INIT	100	0	A15JUL81	STARTED				
PRED= 2023	* DESPREPARE INITIAL DBFA REC	100	0	A15JUL81	FINISHED				
2026	MODEL VARIATIONS OF INITIAL REC	100	0	A15JUL81	STARTED				
2028	CODE=ABABDO P B 1 5 ACS=15JUL81 ACF=15NOV81	123	A15NOV81	FINISHED					
SUCC= 2030	*DES-PREPARE ED RECOMMENDATIO	100	0	A15NOV81	STARTED				
PRED= 2026	* DESMODEL VARIATIONS OF INIT	100	0	A15NOV81	FINISHED				
2028	PREPARE ED RECOMMENDATION	100	0	A15NOV81	STARTED				
2030	CODE=ABACDO P B 1 5 ACS=15NOV81 ACF=01DEC81	16	A01DEC81	FINISHED					
SUCC= 4300	*DES-DUMMY	0	0	30APR82	02JUL83				
PRED= 2020	* DESDUMMY	0	0	30APR82	30JAN83				
2040	OBTAIN CONTINUING RESOLUTION	38	153	A01OCT81	STARTED				
2048	CODE=ABACAO P B 1 5 ACS=01OCT81	365	27SEP82	30OCT83					
SUCC= 2050	*DES-DUMMY	0	0	30SEP82	31OCT83				
PRED= 2020	* DESDUMMY	0	0	30APR82	30JAN83				
2040	RECEIVE APPROPRIATION	38	153	A01OCT81	STARTED				
4300	CODE=ABACOO P B 1 4 ACS=01OCT81	365	27SEP82	01JUL83					
SUCC= 6000	DES-FULFILL DATA/DOCUMENT RE	0	349	02JUL83	02JUL83				
SUCC= 6332	DES-MAINTAIN FUND ACCOUNTAB1	0	349	02JUL83	16DEC83				
2100	SECURE ALTERNATE DISBURSEMENT SYS SUPPORT	37	244	A03DEC81	STARTED				
2160	CODE=ABABSO O A 1 5 ACS=03DEC81	373	27DEC82	01NOV85					
2100	SECURE DISBURSEMENT SYS SOFTWARE SUPPORT	42	178	A03DEC81	STARTED				
2180	CODE=ABBAAO O R 1 5 ACS=03DEC81	347	13NOV82	01NOV85					
2100	OBTAIN CONTRACT SUPPORT	38	243	A03DEC81	STARTED				
2190	CODE=ABBAOO O B 1 4 ACS=03DEC81	374	28DEC82	01NOV85					
2110	SECURE DISBURSEMENT SYS DATA PREP SUPPORT	31	103	A01FEB82	STARTED				
2170	CODE=ABBA8O O R 1 5 ACS=01FEB82	212	10AUG82	01NOV85					

PROJECT NAME: MBD1 PELL GRANT DELIVERY SYSTEM
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ADVANCED TECHNOLOGY, INC.

PROJECT: START 01JAN81 FINISH 01NOV85

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PROJECT ACTIVITY REPORT
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INODE JNODE	DESCRIPTION *AFFECTS START *APPLIES TO PRED & SUCC	PCT CMP	DUR REM	EARLY START OR FINISH	LATE START FINISH	RESOURCE NAME CODE	RESOURCE BUDGET ACTUAL UNIT
2200	DEVELOP PROGRESS REPORT AND INSTRUCTIONS	74	47	A01DEC81	STARTED		
2236	CODE=ABBBE0 D R 1 5 ACB=01DEC81		197	15JAN82	12AUG82		
	SUCC= 2240 *DES=DUMMY	0	0	14JAN82	14DEC83		
	SUCC= 5000 *DES=DEVELOP STUDENT VALIDATI	0	279	14JAN82	13AUG82		
2200	DEVELOP RECIPIENT EXCHANGE MANUAL	82	33	A30NOV81	STARTED		
2240	CODE=ABBB60 D R 1 5 ACB=30NOV81		184	01JAN82	19DEC83		
	SUCC= 2242 DES=DUMMY	0	0	19NOV82	31MAY83		
	SUCC= 2290 DES-BEGIN IMPLEMEN DISBURSE	0	58	19NOV82	04MAY84		
	SUCC= 3100 DES=DUMMY	0	0	19NOV82	14DEC83		
2200	MOD DISBURSEMENT SYS TO REFLECT BUD/LEG/REG CHA	48	43	A01MAR82	STARTED		
2290	CODE=ABBBJ0 D R 1 5 ACB=01MAR82		123	01JUL82	30JAN84		
	SUCC= 4332 DES=COMPLETE DIST. SYSTEM	0	351	12JAN83	01JUL84		
2200	START REGULAR DISBURSEMENT SYSTEM	24	428	A30NOV81	STARTED		
4000	CODE=ABBB00 D R 1 4 ACB=30NOV81		879	01JUL83	01JUL83		
	SUCC= 4090 *DES=INSTITUTE AND MAINTAIN I	0	593	02JUL83	02NOV83		
	SUCC= 4200 *DES=DUMMY	0	0	02JUL83	04JAN83		
	SUCC= 4300 *DES=DUMMY	0	0	02JUL83	02JUL83		
	SUCC= 4400 *DES=DUMMY	0	0	02JUL83	19MAY84		
	SUCC= 4332 *DES=START REGULAR DISBURSEME	0	593	02JUL83	02NOV83		
	PRED= 2012 *DES=DUMMY	0	0	19MAY82	11MAR83		
2201	REVIEW FUND INIT. RSTB & VERIFY HAND. SPECIAL CA	100	0	A20APR82	STARTED		
2203	CODE=ABRC40 D A 1 5 ACB=20APR82 ACF=30APR82		10	A30APR82	FINISHED		
	SUCC= 2300 *DES=DUMMY	0	0	19MAY82	11MAR83		
2202	REVIEW PAYMENT SCHEDULE INSTRUCTIONS	0	150	A01FEB82	STARTED		
2240	CODE=ABBB0C D R 1 5 ACB=01FEB82		150	24FEB82	19DEC83		
	SUCC= 2242 DES=DUMMY	0	0	19NOV82	31MAY83		
	SUCC= 2290 DES-BEGIN IMPLEMEN DISBURSE	0	58	19NOV82	04MAY84		
	SUCC= 3100 DES=DUMMY	0	0	19NOV82	14DEC83		
	PRED= 1000 *DES=DUMMY	100	0	A01JAN81	FINISHED		
2204	REVIEW FUND INITIALIZATION REG AND VERIFY	100	0	A20APR82	STARTED		
2212	CODE=ABBB40 D R 1 5 ACB=20APR82 ACF=30APR82		10	A30APR82	FINISHED		

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ADVANCED TECHNOLOGY, INC.

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RUN CONTROL NAME RPT3

INODE JNODE	DESCRIPTION --AFFECTS START --APPLIES TO PRED & SUCC	PCT CHP	DUR REM	EARLY START FINISH	LATE START FINISH	RESOURCE NAME CODE	BUDGET QUANTITY	RESOURCE ACTUAL QUANTITY	UNIT MEAS
SUCC= 2240	*DES-TEST AND APPROVE DISBURS	50	61	A01MAR82	STARTED				
PRED= 1000	* DESDUMMY	100	0	A01JAN81	FINISHED				
2204 2260	REQUEST STOP ACTION/PROBLEM UPDATE CODE=ASBBB0 O R I S ACS=20APR82	0	20	A20APR82 19MAY82	STARTED 15DEC83				
SUCC= 2262	DES-DUMMY	0	0	15NOV82	31MAY85				
SUCC= 2290	DES-BEGIN IMPLEMENT DISBURSE	0	58	15NOV82	04MAY84				
SUCC= 3100	DES-DUMMY	0	0	15NOV82	16DEC83				
2205 4400	DEVELOP AUTHORIZATION LETTER CODE=ASBBB0 O R I S ACS=02JAN82	71	46	A02JAN82 14JUN82	STARTED 14MAY84				
SUCC= 6550	DES-INSTITUTE PROGRESS REPORT	0	365	02JUL83	15MAY84				
PRED= 2204	* DESREVIEW FUND INITIALIZATI	100	0	A30APR82	FINISHED				
2212 2260	TEST AND APPROVE DISBURSEMENT CHANGES CODE=ASBBK0 O R I S ACS=01MAR82	50	61	A01MAR82 122 29JUN82	STARTED 15DEC83				
SUCC= 2262	DES-DUMMY	0	0	15NOV82	31MAY85				
SUCC= 2290	DES-BEGIN IMPLEMENT DISBURSE	0	58	15NOV82	04MAY84				
SUCC= 3100	DES-DUMMY	0	0	15NOV82	16DEC83				
2214 1199	CONFIRM EDFHS PROCESSING REQUIREMENTS CODE=ASBBH0 O R I S ACS=02JAN82 ACF=31JAN82	100	0	A02JAN82 29 A31JAN82	STARTED FINISHED				
SUCC= 6000	DES-IMPLEMENT C.F. SYSTEM	22	258	A14FEB82	STARTED				
PRED= 2050	* DESDUMMY	0	0	30SEP82	31OCT83				
2242 2260	OBTAIN ALLOTMENT AND CANS FROM FINANCE CODE=ASBBL0 O R I S	0	46	30SEP82 44 14NOV82	31OCT83 15DEC83				
SUCC= 2262	*DES-DUMMY	0	0	15NOV82	31MAY85				
SUCC= 2290	*DES-BEGIN IMPLEMENT DISBURSE	0	58	15NOV82	04MAY84				
SUCC= 3100	*DES-DUMMY	0	0	15NOV82	16DEC83				
PRED= 2200	* DESDEVELOP PROGRESS REPORT	76	47	15JUN82	12AUG82				
2256 3000	DEVELOP STUDENT VALIDATION ROSTER CODE=ASBB00 O R I S	0	279	14JUN82 279 21MAR83	12AUG82 18MAY83				
SUCC= 5200	*DES-LOAD INSTITUTION UNIVERS	0	1	22MAR83	19MAY83				
SUCC= 5400	*DES-DUMMY	0	0	22MAR83	02JAN84				

PROJECT NAME: M8D1 PELL GRANT DELIVERY SYSTEM
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PROJECT: START 01JAN81 FINISH 01NOV83

PROJECT ACTIVITY REPORT
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RUN CONTROL NAME RPT3

INODE JNODE	DESCRIPTION --AFFECTS START --APPLIES TO PRED & SUCC	PCT DIF CHG	EARLY START FINISH	LATE START FINISH	RESOURCE NAME CODE	RESOURCE BUDGET ACTUAL UNIT QUANTITY QUANTITY MEAS
SUCC= 6000 SUCC= 6630	*DES-START ALTERNATE DISBURSE *DES-MAINTAIN FUND ACCOUNTAB	0 549 0 488	22MAR83 22MAR83	02JUL83 17MAR84		
PRED= 2200 PRED= 2302 PRED= 2204 PRED= 2242 PRED= 2256 PRED= 2212	DESDEVELOP RECIPIENT EXCHAN DEBVIEW PAYMENT SCHEDULE DEBREQUEST STOP ACTION/PROB * DESOBTAIN ALLOTMENT AND CAN DESDUMMY DEBTEST AND APPROVE DISBURS	22 33 0 180 0 20 0 46 0 0 50 61	01JAN82 24SEP82 19MAY82 14NOV82 14JAN82 29JAN82	15DEC83 15DEC83 15DEC83 15DEC83 14DEC83 15DEC83		
2260 2290	BEGIN IMPLEMENT DISBURSEMENT SYSTEM CODE=AB88NO 0 R 1 5	0 58 58	15NOV82 11JAN83	04MAY84 30JAN84		
SUCC= 4532	*DES-COMPLETE DIST. SYSTEM	0 351	12JAN83	01JUL84		
PRED= 2018 PRED= 2260	DESOSTAIN FINAL PAYMENT SCH * DESDUMMY	0 1 0 0	14JUL82 15NOV82	30MAY85 31MAY85		
2262 2264	ESTABLISH ALGORITHM PARAMETERS CODE=AB88NO 0 R 1 5	0 16 16	15NOV82 30NOV82	31MAY85 15JAN85		
SUCC= 4100	*DES-DUMMY	0 0	01DEC82	15JAN85		
PRED= 2200 PRED= 2260	DESNOO DISBURSEMENT SYS TO * DESBEGIN IMPLEMENT DISBURSE	48 63 0 58	01JUL82 11JAN83	30JAN84 30JAN84		
2290 4532	COMPLETE DIST. SYSTEM CODE=AB88NO 0 R 1 5	0 351 351	12JAN83 28DEC83	01JUL84 16JAN85		
SUCC= 7000	DES-FINISH: CLOSE INSTIT. AC	0 138	14FEB85	17JAN85		
PRED= 2203	* DESDUMMY	0 0	19MAY82	11MAR83		
2300 2390	START ALTERNATE DISBURSEMENT SYSTEM CODE=AB88CO 0 A 1 4 ACB=20NOV81	26 442 603	20NOV81 30JUL83	STARTED 30JAN85		
SUCC= 6300	*DES-DUMMY	0 0	31JUL83	31JAN85		
PRED= 2300	* DESDUMMY	0 0	19MAY82	18MAR83		
2302 2330	REVIEW PAYMENT SCHEDULE INSTRUCTIONS CODE=AB88CO 0 A 1 5 ACB=01FEB82	58 62 180	01FEB82 15JUL82	STARTED 18MAY83		
SUCC= 2360	*DES-DUMMY	0 0	14JUL82	19MAY83		

PROJECT NAME:MSD1 PELL GRANT DELIVERY SYSTEM
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PROJECT: START 01JAN81 FINISH 01NOV85

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RUN DATE 11OCT82 PAGE 11
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INODE JNODE	DESCRIPTION *AFFECTS START *APPLIED TO PRED & SUCC	PCT CHP	DUR REN	EARLY START FINISH	LATE START FINISH	RESOURCE NAME CODE	RESOURCE BUDGET ACTUAL UNIT
PRED= 2300	* DESDUPPY	0	0	15MAY82	11MAR83		
2304	DEVELOP ADB HANDBOOK	29	69	A01APR82	STARTED		
2360	CODE=ABSCFO 0 A 1 5 ACB=01APR82		98	23JUL82	18MAY83		
SUCC= 2370	*DES-DEVELOP STUDENT VALIDATI	0	196	23JUL82	19JUL84		
SUCC= 2390	*DES-IMPLEMENT DISBURSEMENT S	0	1	23JUL82	30JAN85		
SUCC= 5000	*DES-DUPPY	0	0	23JUL82	19MAY83		
PRED= 2300	* DESDUPPY	0	0	15MAY82	12MAR83		
2306	DEVELOP 304 FORM	70	68	A20NOV81	STARTED		
2360	CODE=ABSCCO 0 A 1 5 ACB=20NOV81		229	21JUL82	18MAY83		
SUCC= 2370	DES-DEVELOP STUDENT VALIDATI	0	196	23JUL82	19JUL84		
SUCC= 2390	DES-IMPLEMENT DISBURSEMENT S	0	1	23JUL82	30JAN85		
SUCC= 5000	DES-DUPPY	0	0	23JUL82	19MAY83		
PRED= 2300	* DESDUPPY	0	0	15MAY82	12MAR83		
2308	DEVELOP 304-1 FORM	70	68	A20NOV81	STARTED		
2360	CODE=ABSCDO 0 A 1 5 ACB=20NOV81		229	21JUL82	18MAY83		
SUCC= 2370	DES-DEVELOP STUDENT VALIDATI	0	196	23JUL82	19JUL84		
SUCC= 2390	DES-IMPLEMENT DISBURSEMENT S	0	1	23JUL82	30JAN85		
SUCC= 5000	DES-DUPPY	0	0	23JUL82	19MAY83		
PRED= 2300	* DESDUPPY	0	0	15MAY82	08MAY83		
2310	CONFIRM EDFHS PROCESSING REQUIREMENTS	0	11	15MAY82	08MAY83		
2360	CODE=ABSCUO 0 A 1 5		11	25MAY82	18MAY83		
SUCC= 2370	DES-DEVELOP STUDENT VALIDATI	0	196	23JUL82	19JUL84		
SUCC= 2390	DES-IMPLEMENT DISBURSEMENT S	0	1	23JUL82	30JAN85		
SUCC= 5000	DES-DUPPY	0	0	23JUL82	19MAY83		
PRED= 2300	* DESDUPPY	0	0	15MAY82	25APR83		
2312	MOD DISBURSEMENTS SYS FOR LEG/REG/BUDGET CHANGE	80	24	A22JAN82	STARTED		
2360	CODE=ABSCHO 0 A 1 5 ACB=22JAN82		122	07JAN82	18MAY83		
SUCC= 2370	DES-DEVELOP STUDENT VALIDATI	0	196	23JUL82	19JUL84		
SUCC= 2390	DES-IMPLEMENT DISBURSEMENT S	0	1	23JUL82	30JAN85		
SUCC= 5000	DES-DUPPY	0	0	23JUL82	19MAY83		

PROJECT NAME: MSD1
 PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

PELL GRANT DELIVERY SYSTEM

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RUN CONTROL NAME RPT3

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INODE JNODE	DESCRIPTION --AFFECTS START --APPLIES TO PRED & SUCC	PCT CMP	DUR REM	EARLY START FINISH	LATE START FINISH	RESOURCE NAME CODE	RESOURCE BUDGET ACTUAL UNIT QUANTITY QUANTITY HEAD
PRED= 2300	* DESDUMMY	0	0	15MAY82	17MAR83		
2314	TEST AND APPROVE DISBURSEMENT SYSTEM CHANGES	63	63	01JAN82	STARTED		
2360	CODE=ASBCIO D A 1 S ACS=01JAN82	183	183	16JUL82	18MAY83		
SUCC= 2370	DES-DEVELOP STUDENT VALIDATI	0	196	23JUL82	19JUL84		
SUCC= 2390	DES-IMPLEMENT DISBURSEMENT S	0	1	23JUL82	30JAN85		
SUCC= 5000	DES-DUMMY	0	0	23JUL82	19MAY83		
PRED= 2040	* DESDUMMY	0	0	30APR82	19MAY83		
2314	OBTAIN ALLOTMENT AND CAN(S) FROM FINANCE	100	0	01APR82	STARTED		
2360	CODE=ASBCJO D A 1 S ACS=13APR82 ACF=13APR82	1	1	01APR82	FINISHED		
SUCC= 2370	DES-DEVELOP STUDENT VALIDATI	0	196	23JUL82	19JUL84		
SUCC= 2390	DES-IMPLEMENT DISBURSEMENT S	0	1	23JUL82	30JAN85		
SUCC= 5000	DES-DUMMY	0	0	23JUL82	19MAY83		
PRED= 2304	* DESDEVELOP ADB HANDBOOK	29	67	22JUL82	18MAY83		
PRED= 2306	DESDEVELOP 304 FORM	70	68	21JUL82	18MAY83		
PRED= 2308	DESDEVELOP 304-1 FORM	70	68	21JUL82	18MAY83		
PRED= 2310	DESCONFIRM EDPHIS PROCESSIN	0	11	23MAY82	18MAY83		
PRED= 2312	DESMOD DISBURSEMENTS SYS FO	80	24	07JUN82	18MAY83		
PRED= 2314	DETEST AND APPROVE DISBURS	63	63	16JUL82	18MAY83		
PRED= 2316	DESBOTAIN ALLOTMENT AND CAN	100	0	01APR82	FINISHED		
PRED= 2318	DESDUMMY	0	0	16JUL82	19MAY83		
PRED= 2330	DESDUMMY	0	0	16JUL82	19MAY83		
2360	DEVELOP STUDENT VALIDATION ROSTER	0	196	23JUL82	19JUL84		
2370	CODE=ASBCIO D A 1 S	196	196	03FEB83	30JAN85		
SUCC= 2390	*DES-DUMMY	0	0	04FEB83	31JAN85		
PRED= 2304	* DESDEVELOP ADB HANDBOOK	29	67	22JUL82	18MAY83		
PRED= 2306	DESDEVELOP 304 FORM	70	68	21JUL82	18MAY83		
PRED= 2308	DESDEVELOP 304-1 FORM	70	68	21JUL82	18MAY83		
PRED= 2310	DESCONFIRM EDPHIS PROCESSIN	0	11	23MAY82	18MAY83		
PRED= 2312	DESMOD DISBURSEMENTS SYS FO	80	24	07JUN82	18MAY83		
PRED= 2314	DETEST AND APPROVE DISBURS	63	63	16JUL82	18MAY83		
PRED= 2316	DESBOTAIN ALLOTMENT AND CAN	100	0	01APR82	FINISHED		
PRED= 2318	DESDUMMY	0	0	16JUL82	19MAY83		
PRED= 2330	DESDUMMY	0	0	16JUL82	19MAY83		
2360	IMPLEMENT DISBURSEMENT SYSTEM	0	1	23JUL82	30JAN85		
2390	CODE=ASBCJO D A 1 S	1	1	23JUL82	30JAN85		

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SUCC= 6300	DES=DUPPY	0	0	31JUL83	31JAN85				
PRED= 1100	* DESREVIEW APPLICATION ROSTE	100	0	A31MAR82	FINISHED				
3000 3060	DELIVER INSTITUTIONAL ROSTERS CODE=BAAP00 P 3 2 4 ACS=30MAR82	39	93 154	A30MAR82 31JUL82	STARTED 11SEP85				
SUCC= 6220	*DES=DUPPY	0	0	01AUG82	12SEP85				
PRED= 1100	* DESREVIEW APPLICATION ROSTE	100	0	A31MAR82	FINISHED				
3000 3080	DELIVER ELIGIBLE APPLICANT STATE (TABLE 4) CODE=BAAD00 P 3 2 4 ACS=01APR82	24	93 123	A01APR82 31JUL82	STARTED 17FEB84				
SUCC= 6700	*DES=PROCESS ELIGIBLE APPLICA	0	501	01AUG82	18FEB84				
PRED= 1100	* DESREVIEW APPLICATION ROSTE	100	0	A31MAR82	FINISHED				
3000 3085	DELIVER HISTORY CORRECTIONS CODE=BAAE00 P 3 2 4 ACS=01MAR82	22	215 276	A01MAR82 30NOV82	STARTED 31DEC84				
SUCC= 6000	*DES=DUPPY	0	0	01DEC82	01JAN85				
PRED= 1100	* DESREVIEW APPLICATION ROSTE	100	0	A31MAR82	FINISHED				
3000 3090	DELIVER ABBREVIATED APPLICANT FILE CODE=BAAF00 P 3 2 4	0	154 154	30APR82 30SEP82	31JUL84 31DEC84				
SUCC= 6000	*DES=DUPPY	0	0	01OCT82	01JAN85				
PRED= 1100	* DESREVIEW APPLICATION ROSTE	100	0	A31MAR82	FINISHED				
3000 3999	DELIVER STUDENT AID REPORTS CODE=BAAD00 P 3 2 4 ACS=01FEB82	13	580 649	A01FEB82 30NOV83	STARTED 01NOV85				
PRED= 3000	* DESDUPPY	0	0	30APR82	30SEP84				
3003 6000	DELIVER STATE AGENCY ROSTERS CODE=BAAC00 P 3 2 4 ACS=01MAR82	39	93 154	A01MAR82 31JUL82	STARTED 31DEC84				
SUCC= 6110	DES=DUPPY	0	0	01JAN85	18OCT85				
SUCC= 6200	DES=DUPPY	0	0	01JAN85	31JAN85				
SUCC= 6300	DES=DUPPY	0	0	01JAN85	31JAN85				
SUCC= 6500	DES=DUPPY	0	0	01JAN85	01JAN85				
SUCC= 6600	DES=DUPPY	0	0	01JAN85	04MAY85				

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PROJECT NAME: HBD1 PELL GRANT DELIVERY SYSTEM
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ADVANCED TECHNOLOGY, INC.

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REPORT RUN NO. 19
RUN CONTROL NAME RPT3

INODE JNODE	DESCRIPTION --AFFECTS START 0--APPLIES TO PRED & SUCC	PCT CMP	DUR REM	EARLY START	LATE START	RESOURCE NAME CODE	RESOURCE BUDGET ACTUAL UNIT QUANTITY QUANTITY MEAS
BUCC= 4700 BUCC= 7000	DES-DUMMY DES-END-OF-YEAR REPORT	0 0	0 78	01JAN83 01JAN83	03JUL83 16AUG83		
PRED= 3000 PRED= 1149	* DESDELIVER ELIGIBLE APPLICA DESDUMMY	24 0	93 0	31JUL82 01JAN83	17FEB84 18FEB84		
3080 4700	PROCESS ELIGIBLE APPLICANT STATE TAPE(S) TABLE CODE=8AB800 D B 2 4	0 0	501 501	01AUG82 14DEC83	18FEB84 02JUL83		
BUCC= 4720 BUCC= 4770	DES-DUMMY DES-PROCESS FINL ELIG APPLIC	0 0	0 32	01JAN83 01JAN83	03JUL83 01OCT83		
PRED= 2260	* DESDUMMY	0	0	15NOV82	14DEC83		
3100 4090	FORWARD INSTITUTION UNIVERSE TAPE(S) TO CP/MDE CODE=8AC800 D B 2 4	0 0	549 549	15NOV82 16MAY84	14DEC83 16JUN83		
BUCC= 4932 PRED= 1170	DES-DUMMY * DESDUMMY	0 0	0 0	14FEB83 30APR82	17JUN83 17MAR84		
3130 4932	LOAD ELIGIBLE APPLICANT FILE CODE=8BAC00 D B 2 4	0 0	457 457	30APR82 30JUL83	17MAR84 16JUN83		
BUCC= 7000 PRED= 2200	DES-FINISH: CLOSE INSTIT. AC * DESSTART REGULAR DISBURSEME	0 24	138 428	14FEB83 01JUL83	17JUN83 01JUL83		
4000 4090	INSTITUTE AND MAINTAIN INST UNIV PROCESSING CODE=8BB800 L R 2 5	0 0	593 593	02JUL83 13FEB83	02NOV83 16JUN83		
BUCC= 4932 PRED= 2200	* DES-DUMMY * DESSTART REGULAR DISBURSEME	0 24	0 428	14FEB83 01JUL83	17JUN83 01JUL83		
4000 4932	START REGULAR DISBURSEMENT SYSTEM CODE=8BB800 D R 2 4	0 0	593 593	02JUL83 13FEB83	02NOV83 16JUN83		
BUCC= 7000 PRED= 2264	* DES-FINISH: CLOSE INSTIT. AC * DESDUMMY	0 0	138 0	14FEB83 01DEC82	17JUN83 16JUN83		
4100 4932	RUN INITIALIZATION ALGORITHM CODE=8BB800 D R 2 5	0 0	1 1	01DEC82 01DEC82	16JUN83 16JUN83		

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PROJECT NAME: HSD1
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PELL GRANT DELIVERY SYSTEM

PROJECT: START 01JAN81 FINISH 01NOV85

RUN DATE : 11OCT82 PAGE 15
MODIFICATION NO. 14
SCHEDULE DATE 30APR82
SCHEDULE NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

PROJECT ACTIVITY REPORT
ACTIVITY REPORT WITH PREDECESSOR-SUCCESSOR DATA
SELECTION ON: AC

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSTONETICS, INC.
SORT ORDER: AN

INODE JNODE	DESCRIPTION *--AFFECTS START *--APPLIES TO PRED & SUCC	PCT CMP	DUR REN	EARLY START OR0	LATE START FINISH	RESOURCE NAME CODE	BUDGET QUANTITY	ACTUAL QUANTITY	UNIT MEAS
SUCC= 7000	DES-FINISH: CLOSE INSTIT. AC	0	138	14FEB83	17JUN83				
PRED= 4000	* DESDUMMY	0	0	02JUL83	04JUN83				
4200	INSTITUTE ACCOUNTING PROCESSING	0	13	02JUL83	04JUN83				
6332	CODE=888AC0 0 R 2 5		13	14JUL83	16JUN83				
SUCC= 7000	DES-FINISH: CLOSE INSTIT. AC	0	138	14FEB83	17JUN83				
PRED= 2030	DESDUMMY	0	0	30APR82	02JUL83				
PRED= 2040	DEBRECEIVE APPROPRIATION	58	153	27SEP82	01JUL83				
PRED= 4000	* DESDUMMY	0	0	02JUL83	02JUL83				
4300	FULFILL DATA/DOCUMENT REQUESTS	0	349	02JUL83	02JUL83				
6000	CODE=888AF0 0 R 2 5		349	31DEC84	31DEC84				
SUCC= 6110	*DES-DUMMY	0	0	01JAN85	18OCT85				
SUCC= 6200	*DES-DUMMY	0	0	01JAN85	31JAN85				
SUCC= 6300	*DES-DUMMY	0	0	01JAN85	31JAN85				
SUCC= 6500	*DES-DUMMY	0	0	01JAN85	01JAN85				
SUCC= 6600	*DES-DUMMY	0	0	01JAN85	04MAY85				
SUCC= 6700	*DES-DUMMY	0	0	01JAN85	03JUL85				
SUCC= 7000	*DES-END-OF-YEAR REPORT	0	78	01JAN85	16AUG85				
PRED= 2030	DESDUMMY	0	0	30APR82	02JUL83				
PRED= 2040	DEBRECEIVE APPROPRIATION	58	153	27SEP82	01JUL83				
PRED= 4000	* DESDUMMY	0	0	02JUL83	02JUL83				
4300	MAINTAIN FUND ACCOUNTABILITY	0	349	02JUL83	16DEC83				
6332	CODE=888AD0 0 R 2 5		349	31DEC84	16JUN85				
SUCC= 7000	DES-FINISH: CLOSE INSTIT. AC	0	138	14FEB83	17JUN83				
PRED= 4000	* DESDUMMY	0	0	02JUL83	13MAY84				
PRED= 2205	DESDEVELOP AUTHORIZATION LE	71	46	14JUN82	14MAY84				
4400	INSTITUTE PROGRESS REPORTING AND BAR PROCESSING	0	363	02JUL83	13MAY84				
6330	CODE=888AD0 0 R 2 5		363	30JUN84	14MAY85				
SUCC= 7000	*DES-DISTRIBUTE FINAL SVRS AN	0	171	01JUL84	13MAY85				
PRED= 2256	* DESDEVELOP STUDENT VALIDATI	0	279	21MAR83	18MAY83				
PRED= 2360	DESDUMMY	0	0	23JUL82	19MAY83				
5000	LOAD INSTITUTION UNIVERSE FILE	0	1	22MAR83	19MAY83				
5200	CODE=888BA0 0 A 2 5		1	22MAR83	19MAY83				

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PROJECT NAME: MSD1 PELL GRANT DELIVERY SYSTEM
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PROJECT: START 01JAN81 FINISH 01NOV85

PROJECT ACTIVITY REPORT
ACTIVITY REPORT WITH PREDECESSOR-SUCCESSOR DATA
SELECTION ON: AC

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSTONETICS, INC.
SORT ORDER: AN

RUN DATE 11OCT82 PAGE 16
MODIFICATION NO. 14
SCHEDULE DATE 30APR82
SCHEDULE NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

INODE JNODE	DESCRIPTION *--AFFECTS START *--APPLIES TO PRED & SUCC	PCT CMP	DUR REN	EARLY START ORQ	LATE START FINISH	RESOURCE NAME CODE	BUDGET QUANTITY	ACTUAL QUANTITY	UNIT MEAS
SUCC= 5290	*DEB-INSTITUTE 304-1 FORM PRO	0	473	23MAR83	20MAY83				
SUCC= 5300	*DEB-INSTITUTE 304 FORM PROCE	0	473	23MAR83	20MAY83				
SUCC= 6612	*DEB-GENERATE ADS SUMMARY STA	0	472	23MAR83	17MAR84				
PRED= 2256	* DESDEVELOP STUDENT VALIDATI	0	279	21MAR83	18MAY83				
PRED= 2360	DESDUPHY	0	0	23JUL82	19MAY83				
5000	START ALTERNATE DISBURSEMENT SYSTEM	0	549	22MAR83	02JUL83				
6000	CODE=888800 0 A 2 4		549	20SEP84	31DEC84				
SUCC= 6110	DEB-DUPHY	0	0	01JAN85	18OCT85				
SUCC= 6200	DEB-DUPHY	0	0	01JAN85	31JAN85				
SUCC= 6300	DEB-DUPHY	0	0	01JAN85	31JAN85				
SUCC= 6500	DEB-DUPHY	0	0	01JAN85	01JAN85				
SUCC= 6600	DEB-DUPHY	0	0	01JAN85	04MAY85				
SUCC= 6700	DEB-DUPHY	0	0	01JAN85	03JUL85				
SUCC= 7000	DEB-END-OF-YEAR REPORT	0	78	01JAN85	16AUG85				
PRED= 2256	* DESDEVELOP STUDENT VALIDATI	0	279	21MAR83	18MAY83				
PRED= 2360	DESDUPHY	0	0	23JUL82	19MAY83				
5000	MAINTAIN FUND ACCOUNTABILITY	0	488	22MAR83	17MAR84				
6630	CODE=888800 0 A 2 5		488	21JUL84	17JUL85				
SUCC= 7001	DEB-CLOSE STUDENT ACCOUNTS	0	107	07MAR85	18JUL85				
PRED= 5000	* DEBLOAD INSTITUTION UNIVERB	0	1	22MAR83	19MAY83				
5200	INSTITUTE 304-1 FORM PROC.	0	473	23MAR83	20MAY83				
5290	CODE=888800 0 A 2 5		473	07JUL84	03SEP84				
SUCC= 5300	*DEB-DUPHY	0	0	08JUL84	04SEP84				
PRED= 5000	* DEBLOAD INSTITUTION UNIVERB	0	1	22MAR83	19MAY83				
5200	INSTITUTE 304 FORM PROCESSING	0	473	23MAR83	20MAY83				
5300	CODE=888800 0 A 2 5		473	07JUL84	03SEP84				
SUCC= 6600	*DEB-PRODUCE RECIPIENT EXCHAN	0	242	08JUL84	04SEP84				
PRED= 5000	* DEBLOAD INSTITUTION UNIVERB	0	1	22MAR83	19MAY83				
5200	GENERATE ADS SUMMARY STATISTICS	0	472	23MAR83	17MAR84				
6612	CODE=888800 0 A 2 5		472	06JUL84	01JUL85				

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PROJECT NAME: MSD1
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

PELL GRANT DELIVERY SYSTEM

ADVANCED TECHNOLOGY, INC.

PROJECT: START 01JAN81 FINISH 01NOV85

PROJECT ACTIVITY REPORT
ACTIVITY REPORT WITH PREDECESSOR-SUCCESSOR DATA
SELECTION ON: AC

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSTONETICS, INC.
SORT ORDER: AN

RUN DATE 11OCT82 PAGE 17
MODIFICATION NO. 14
SCHEDULE DATE 30APR82
SCHEDULE NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

INODE JNODE	DESCRIPTION *AFFECTS START *APPLIES TO PRED & SUCC	PCT CHP	DUR REN	EARLY START OR0	LATE START FINISH	RESOURCE NAME CODE	RESOURCE BUDGET QUANTITY	RESOURCE ACTUAL QUANTITY	UNIT MEAS
SUCC= 7000	DES-FINISH PROCESS RETURNED	0	123	06APR85	02JUL85				
PRED= 5200	* DESINSTITUTE 304 FORM PROCE	0	473	07JUL84	03SEP84				
PRED= 5290	* DESDUMMY	0	0	08JUL84	04SEP84				
5300	PRODUCE RECIPIENT EXCHANGE BAR TAPE	0	242	08JUL84	04SEP84				
6600	CODE=888800 0 A 2 5		242	06MAR85	03MAY85				
ETC= 6610	*DES=DUMMY	0	0	07MAR85	02JUN85				
SUCC= 6620	*DES=DUMMY	0	0	07MAR85	18JUL85				
SUCC= 6670	*DES=ISSUE INITIAL SVR	0	92	07MAR85	01AUG85				
SUCC= 7000	*DES=ALTERNATE DISBURSEMENT 8	0	182	07MAR85	04MAY85				
PRED= 5000	* DESDUMMY	0	0	22MAR83	02JAN84				
5400	INITIATE COLLECTION ACTIVITIES	0	365	22MAR83	02JAN84				
6000	CODE=888800 0 A 2 5		365	20MAR84	31DEC84				
SUCC= 6110	DES=DUMMY	0	0	01JAN85	18OCT85				
SUCC= 6200	DES=DUMMY	0	0	01JAN85	31JAN85				
SUCC= 6300	DES=DUMMY	0	0	01JAN85	31JAN85				
SUCC= 6500	DES=DUMMY	0	0	01JAN85	01JAN85				
SUCC= 6600	DES=DUMMY	0	0	01JAN85	04MAY85				
SUCC= 6700	DES=DUMMY	0	0	01JAN85	03JUL85				
SUCC= 7000	DES-END-OF-YEAR REPORT	0	78	01JAN85	16AUG85				
PRED= 1199	DESIMPLEMENT C. P. SYSTEM	22	258	15MAR83	31DEC84				
PRED= 3003	DESDELIVER STATE AGENCY ROS	39	93	31JUL82	31DEC84				
PRED= 3085	DESDUMMY	0	0	01DEC82	01JAN85				
PRED= 3090	DESDUMMY	0	0	01OCT82	01JAN85				
PRED= 4300	* DESFULFILL DATA/DOCUMENT RE	0	549	31DEC84	31DEC84				
PRED= 5000	DESSTART ALTERNATE DISBURSE	0	549	20SEP84	31DEC84				
PRED= 5400	DESINITIATE COLLECTION ACTI	0	365	20MAR84	31DEC84				
6000	END-OF-YEAR REPORT	0	78	01JAN85	16AUG85				
7000	CODE=CAAA00 0 B 3 4		78	19MAR85	01NOV85				
PRED= 6000	* DESDUMMY	0	0	01JAN85	18OCT85				
6110	PROVIDE RECIPIENT FILE	0	15	01JAN85	18OCT85				
7000	CODE=CABA00 0 B 3 4		15	15JAN85	01NOV85				
PRED= 6000	* DESDUMMY	0	0	01JAN85	31JAN85				

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PROJECT NAME: M0D1 PELL GRANT DELIVERY SYSTEM
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PROJECT: START 01JAN81 FINISH 01NOV85

RUN DATE: 11OCT82 PAGE 10
MODIFICATION NO. 14
SCHEDULE DATE 30APR82
SCHEDULE NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

PROJECT ACTIVITY REPORT
ACTIVITY REPORT WITH PREDECESSOR-SUCCESSOR DATA
SELECTION ON: AC

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSTONETICS, INC.

SORT ORDER: AN

INODE JNODE	DESCRIPTION *AFFECTS START *APPLIES TO PRED & SUCC	PCT CMP	DUR REM	EARLY START FINISH	LATE START FINISH	RESOURCE NAME CODE	RESOURCE BUDGET QUANTITY	RESOURCE ACTUAL QUANTITY	UNIT MEAS
6200 6280	PREPARE OPERATIONS END OF YEAR REPORT CODE=C88AA0 D R 3 3	0	63	01JAN85	30AUG85				
	SUCC= 7000 *DES-DUMMY	0	0	05MAR85	01NOV85				
	PRED= 6000 *DESDUMMY	0	0	01JAN85	31JAN85				
6200 7000	COMPLETE REGULAR DISBURSEMENT CODE=C88A00 D R 3 4	0	275	01JAN85	31JAN85				
			275	02OCT85	01NOV85				
	PRED= 3060 DESDUMMY	0	0	01AUG82	12SEP85				
	PRED= 6200 *DESDUMMY	0	0	01JAN85	12SEP85				
6220 7002	ANALYZE ROSTER CORRECTIONS CODE=C88AB0 D R 3 5	0	51	01JAN85	12SEP85				
			51	20FEB85	01NOV85				
	PRED= 2390 DESDUMMY	0	0	31JUL83	31JAN85				
	PRED= 6000 *DESDUMMY	0	0	01JAN85	31JAN85				
6300 6350	PREPARE OPERATIONS END OF YEAR REPORT CODE=C88BA0 D A 3 5	0	63	01JAN85	30AUG85				
			63	04MAR85	31OCT85				
	SUCC= 7000 *DES-DUMMY	0	0	05MAR85	01NOV85				
	PRED= 2390 DESDUMMY	0	0	31JUL83	31JAN85				
	PRED= 6000 *DESDUMMY	0	0	01JAN85	31JAN85				
6300 7000	COMPLETE ALTERNATE DISBURSEMENT SYSTEM CODE=C88B00 D A 3 4	0	275	01JAN85	31JAN85				
			275	02OCT85	01NOV85				
	PRED= 6300 *DESDUMMY	0	0	01JAN85	04SEP85				
6370 7000	ANALYZE ROSTER CORRECTIONS CODE=C88B80 D A 3 5	0	57	01JAN85	04SEP85				
			57	24FEB85	01NOV85				
	PRED= 6000 *DESDUMMY	0	0	01JAN85	01JAN85				
6300 6370	ISSUE INITIAL SVRS CODE=C88AA0 D R 3 3	0	123	01JAN85	01JUL85				
			123	03MAY85	31OCT85				
	SUCC= 7000 *DES-DUMMY	0	0	04MAY85	01NOV85				

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PROJECT NAME: HSD1 PELL GRANT DELIVERY SYSTEM
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PROJECT: START 01JAN81 FINISH 01NOV85

PROJECT ACTIVITY REPORT
ACTIVITY REPORT WITH PREDECESSOR-SUCCESSOR DATA
SELECTION ON: AC

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSTONETICS, INC.
SORT ORDER: AN

RUN DATE 11OCT82 PAGE 19
MODIFICATION NO. 14
SCHEDULE DATE 30APR82
SCHEDULE NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

INODE JNODE	DESCRIPTION *-AFFECTS START *-APPLIES TO PRED & SUCC	PCT CHP	DUR REN	EARLY START FINISH	LATE START FINISH	RESOURCE NAME CODE	RESOURCE BUDGET ACTUAL UNIT
PRED= 6000	* DESDUMMY	0	0	01JAN85	01JAN85		
6500	REGULAR DISBURSEMENT SYSTEM	0	305	01JAN85	01JAN85		
7000	CODE=CDBA00 D R 3 4		305	01NOV85	01NOV85		
PRED= 6500	* DESDUMMY	0	0	01JAN85	01JAN85		
6520	PROCESS RETURNED SVRS	0	134	01JAN85	01JUN85		
7000	CODE=CDBA80 D R 3 5		134	03JAN85	01NOV85		
PRED= 6500	* DESDUMMY	0	0	01JAN85	18MAY85		
6530	START CLOSE INSTITUTIONAL ACCOUNTS	0	30	01JAN85	18MAY85		
6532	CODE=CDBA00 D R 3 5		30	30JAN85	16JUN85		
SUCC= 7000	DES-FINISH: CLOSE INSTIT. AC	0	138	14FEB85	17JUN85		
PRED= 2290	DESCOMPLETE DIST SYSTEM	0	351	28DEC83	16JAN85		
PRED= 3130	DELOAD ELIGIBLE APPLICANT	0	457	30JUL83	16JAN85		
PRED= 4000	* DESSTART REGULAR DISBURSEME	0	593	13FEB85	16JAN85		
PRED= 4090	* DESDUMMY	0	0	14FEB85	17JAN85		
PRED= 4100	DEBRUN INITIALIZATION ALORR	0	1	01DEC82	16JAN85		
PRED= 4200	DESINSTITUTE ACCOUNTING PRO	0	13	14JUL83	16JAN85		
PRED= 4300	DEBMAINTAIN FUND ACCOUNTAB	0	547	31DEC84	16JAN85		
PRED= 6530	DESSTART CLOSE INSTITUTIONA	0	30	30JAN85	16JAN85		
6532	FINISH: CLOSE INSTIT. ACCE.	0	138	14FEB85	17JUN85		
7000	CODE=CDBAEO D R 3 5		138	01JUL85	01NOV85		
PRED= 6500	* DESDUMMY	0	0	01JAN85	18MAY85		
6540	PRODUCE FINAL SVRS	0	168	01JAN85	18MAY85		
7000	CODE=CDBA00 D R 3 5		168	17JUN85	01NOV85		
PRED= 4400	* DESINSTITUTE PROGRESS REPO	0	363	30JAN84	14MAY85		
6550	DISTRIBUTE FINAL SVRS AND AUTH LETTERS	0	171	01JUL84	15MAY85		
7000	CODE=CDBAEO D R 3 5		171	18DEC84	01NOV85		
PRED= 6500	* DESDUMMY	0	0	01JAN85	03MAY85		

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PROJECT NAME: MSD1
PROJECT DESCRIPTION: DEPARTMENT OF EDUCATION

ADVANCED TECHNOLOGY, INC.

PELL GRANT DELIVERY SYSTEM

PROJECT: START 01JAN81 FINISH 01NOV85

RUN DATE 11OCT82 PAGE 20
MODIFICATION NO. 14
SCHEDULE DATE 30APR82
SCHEDULE NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

PROJECT ACTIVITY REPORT
ACTIVITY REPORT WITH PREDECESSOR-SUCCESSOR DATA
SELECTION ON: AC

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSTONETICS, INC.

SORT ORDER: AN

INODE JNODE	DESCRIPTION *--AFFECTS START *--APPLIES TO PRED & SUCC	PCT CMP	DUR REM	EARLY START	LATE START	RESOURCE NAME CODE	RESOURCE BUDGET ACTUAL UNIT
				OR0 FINISH	FINISH		QUANTITY QUANTITY MEAS
4560 7000	RECEIVE REQUESTS FOR ROSTER CORRECTIONS CODE=CDSAF0 0 R 3 5	0	183	01JAN85	03MAY85		
			183	02JUL85	01NOV85		
PRED= 3300 PRED= 6000	* DESPRODUCE RECIPIENT EXCHAN DESDUMMY	0	242	04MAR85	03MAY85		
		0	0	01JAN85	04MAY85		
4600 4670	ISSUE INITIAL SVR CODE=CDSBA0 0 A 3 5	0	92	07MAR85	01AUG85		
			92	06JUN85	31OCT85		
SUCC= 7000	*DES-DUMMY	0	0	07JUN85	01NOV85		
PRED= 3300 PRED= 6000	* DESPRODUCE RECIPIENT EXCHAN DESDUMMY	0	242	04MAR85	03MAY85		
		0	0	01JAN85	04MAY85		
4600 7000	ALTERNATE DISBURSEMENT SYSTEM CODE=CDSB00 0 A 3 4	0	182	07MAR85	04MAY85		
			182	04SEP85	01NOV85		
PRED= 4600	* DESDUMMY	0	0	07MAR85	02JUN85		
4610 4612	START PROCESS RETURNED SVRS CODE=CDSB80 0 A 3 5	0	30	07MAR85	02JUN85		
			30	05APR85	01JUL85		
SUCC= 7000	*DES-FINISH PROCESS RETURNED	0	123	06APR85	01JUL85		
PRED= 3200 PRED= 4610	DESGENERATE ADJ SUMMARY STA * DESSTART PROCESS RETURNED S	0	472	06JUL84	01JUL85		
		0	30	05APR85	01JUL85		
4612 7000	FINISH PROCESS RETURNED SVR CODE=COBSC0 0 A 3 5	0	123	06APR85	02JUL85		
			123	06AUG85	01NOV85		
PRED= 4600	* DESDUMMY	0	0	07MAR85	18JUL85		
4620 7001	ISSUE FINAL SVR CODE=CDSBSC0 0 A 3 5	0	107	07MAR85	15JUL85		
			107	21JUN85	01NOV85		
PRED= 3000 PRED= 4620	DESMANTAIN FUND ACCOUNTAB1 * DESDUMMY	0	488	21JUL84	17JUL85		
		0	0	07MAR85	18JUL85		
4630 7001	CLOSE STUDENT ACCOUNTS CODE=CDSBDO 0 A 3 5	0	107	07MAR85	18JUL85		
			107	21JUN85	01NOV85		

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RUN DATE      11OCT82      PAGE 21
MODIFICATION NO. 14
SCHEDULE DATE 30APR82
SCHED:LF NO. 11
REPORT RUN NO. 19
RUN CONTROL NAME RPT3

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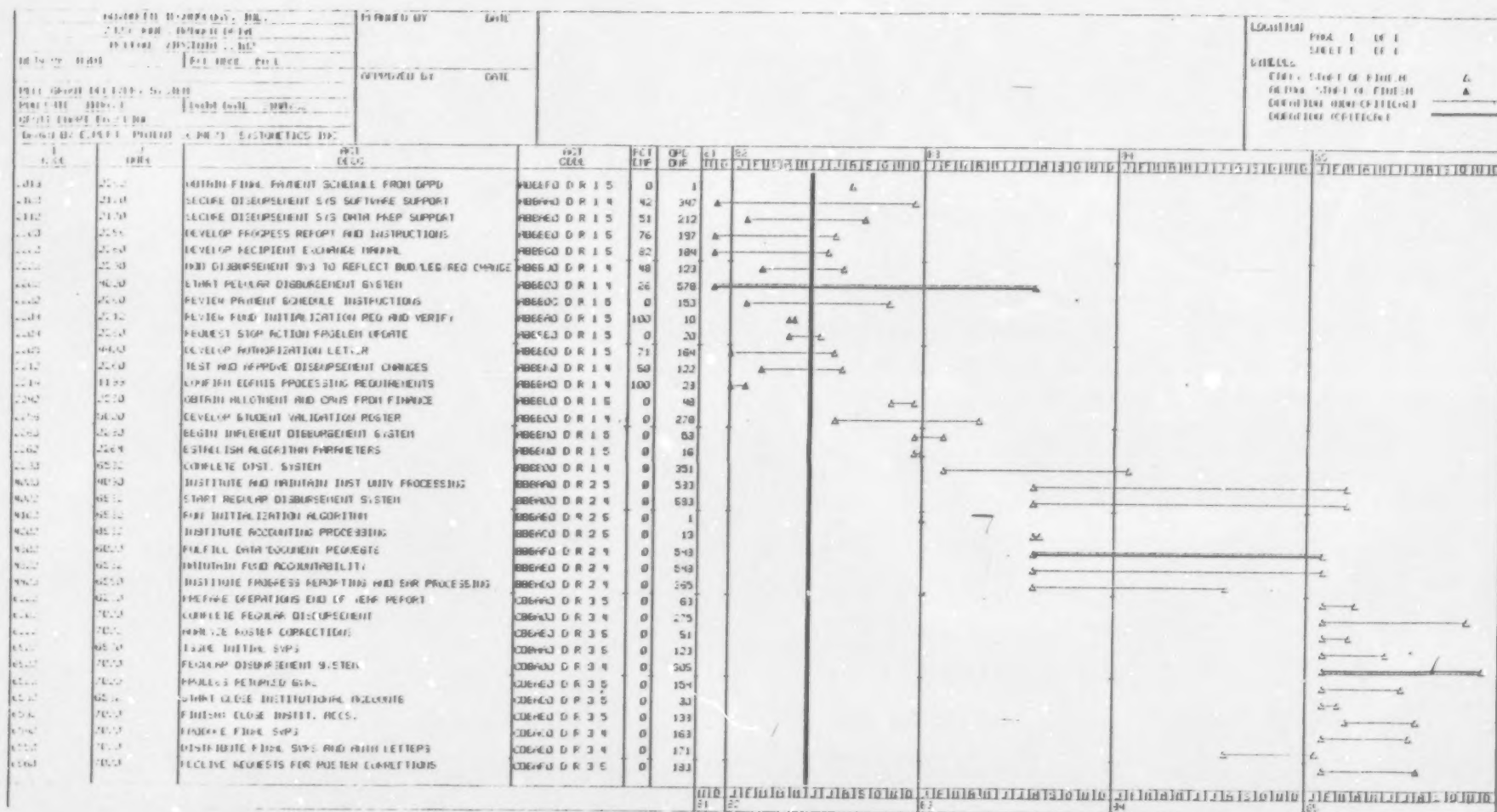
-END OF REPORT-

ATTACHMENT D

SAMPLE REPORTS

FIGURE D-1

SAMPLE REPORT FOR RDS ACTIVITIES





SAMPLE SUMMARY REPORT FOR RDS SIMULATION

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FIGURE D-4

SAMPLE ACTIVITY LISTING FOR RDS SIMULATION

OBJECT NAME: MSD1
OBJECT DESCRIPTION:

ADVANCED TECHNOLOGY, INC.

ROET COMPARISON REPORT
ROET ACTIVITY LISTING
ELECTION ON: AC

PELL GRANT DELIVERY SYSTEM

PROJECT: START 01JAN81 FINISH 02DEC85

RUN DATE 31MAY83 PAGE 1
MODIFICATION NO. 28
SCHEDULE DATE 31MAY82
SCHEDULE NO. 24
REPORT RUN NO. 27
RUN CONTROL NAME TARQ

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SORT ORDER: AN

NAME INODE JNODE	DESCRIPTION	(*-CONSTRAINT EXISTS FOR DATE) (A=ACTUAL DATE) CURRENT CONSTRAINTS(TYPE=DATE)	CURR PCT COMP	TOT PCT COMP	CURR ORIG REM	TOT ORIG REM	CURRENT EARLY START FINISH	TARGET EARLY START FINISH	CURRENT LATE START FINISH	TARGET LATE START FINISH	EARLY START SLIP
2018 2262	OBTAIN FINAL PAYMENT SCHEDULE FROM DPPD CODE=ABBBFO D R 1 3		0 0	0 0	1 1	1 1	16AUG82 16AUG82	16JUL82 16JUL82	30JUN85 30JUN85	30MAY85 30MAY85	-31
2100 2180	SECURE DISBURSEMENT SYS SOFTWARE SUPPORT CODE=ABBAAO D R 1 4 ACB=03DEC81		42 42	42 42	347 198	347 198	A03DEC81 14DEC82	A03DEC81 13NOV82	STARTED 02DEC85	STARTED 01NOV85	0
2110 2170	SECURE DISBURSEMENT SYS DATA PREP SUPPORT CODE=ABBA80 D R 1 3 ACB=01FEB82		91 91	91 91	212 103	212 103	A01FEB82 10SEP82	A01FEB82 10AUG82	STARTED 02DEC85	STARTED 01NOV85	0
2200 2256	DEVELOP PROGRESS REPORT AND INSTRUCTIONS CODE=ABBBEO D R 1 3 ACB=01DEC81		76 76	76 76	197 47	197 47	A01DEC81 16JUL82	A01DEC81 15JUN82	STARTED 12SEP82	STARTED 12AUG82	0
2200 2260	DEVELOP RECIPIENT EXCHANGE MANUAL CODE=ABBB90 D R 1 3 ACB=30NOV81		82 82	82 82	184 33	184 33	A30NOV81 02JUL82	A30NOV81 01JUN82	STARTED 15JAN84	STARTED 15DEC83	0
2200 2290	MOD DISBURSEMENT SYS TO REFLECT BUD/LEG/REG CHANGE CODE=ABBBJO D R 1 4 ACB=01MAR82		48 48	48 48	123 63	123 63	A01MAR82 01AUG82	A01MAR82 01JUL82	STARTED 31JUL84	STARTED 30JUN84	0
2200 4000	START REGULAR DISBURSEMENT SYSTEM CODE=ABBB00 D R 1 4 ACB=30NOV81		24 24	24 24	579 428	579 428	A30NOV81 01AUG83	A30NOV81 01JUL83	STARTED 01AUG83	STARTED 01JUL83	0
2202 2260	REVIEW PAYMENT SCHEDULE INSTRUCTIONS CODE=ABBB0C D R 1 3 ACB=01FEB82		0 0	0 0	150 150	150 150	A01FEB82 27OCT82	A01FEB82 26SEP82	STARTED 15JAN84	STARTED 15DEC83	0
2204 2212	REVIEW FUND INITIALIZATION REQ AND VERIFY CODE=ABBB80 D R 1 3 ACB=20APR82 ACF=30APR82		100 100	100 100	10 0	10 0	A20APR82 A30APR82	A20APR82 A30APR82	STARTED FINISHED	STARTED FINISHED	0

FIGURE D-4 (Cont.)

SAMPLE ACTIVITY LISTING FOR RDS SIMULATION

OBJECT NAME: MSD1
 OBJECT DESCRIPTION:

ADVANCED TECHNOLOGY, INC.

OBJECT COMPARISON REPORT
 OBJECT ACTIVITY LISTING
 ELECTION ON: AC

PELL GRANT DELIVERY SYSTEM

PROJECT: START 01JAN81 FINISH 02DEC85

GENERATED BY VISION, A PROPRIETARY PRODUCT OF SYSTONETICS, INC.
 SORT ORDER: AN

RUN DATE 31MAY83 PAGE 2
 MODIFICATION NO. 28
 SCHEDULE DATE 31MAY82
 SCHEDULE NO. 24
 REPORT RUN NO. 27
 RUN CONTROL NAME TARG

NAME INODE JNODE	DESCRIPTION	(**CONSTRAINT EXISTS FOR DATE) (A=ACTUAL DATE) CURRENT CONSTRAINTS(TYPE=DATE)	CURR PCT COMP	TGT PCT COMP	CURR ORIG REM	TGT ORIG REM	CURRENT EARLY START FINISH	TARGET EARLY START FINISH	CURRENT LATE START FINISH	TARGET LATE START FINISH	EARLY START BLIP
2204 2260	REQUEST STOP ACTION/PROBLEM UPDATE CODE=ABBBBO D R 1 5 ACB=20APR82		0	0	20	20	A20APR82 19JUN82	A20APR82 19MAY82	STARTED 15JAN84	STARTED 15DEC83	0
2205 4400	DEVELOP AUTHORIZATION LETTER CODE=ABBBDO D R 1 5 ACB=02JAN82		71	71	164	164	A02JAN82 15JUL82	A02JAN82 14JUN82	STARTED 14JUN84	STARTED 14MAY84	0
2212 2260	TEST AND APPROVE DISBURSEMENT CHANGES CODE=ABBBKO D R 1 4 ACB=01MAR82		50	50	122	122	A01MAR82 30JUL82	A01MAR82 29JUN82	STARTED 15JAN84	STARTED 15DEC83	0
2214 1199	CONFIRM EDFMIS PROCESSING REQUIREMENTS CODE=ABBBHO D R 1 4 ACB=02JAN82 ACF=31JAN82		100	100	29	29	A02JAN82 A31JAN82	A02JAN82 A31JAN82	STARTED FINISHED	STARTED FINISHED	0
2242 2260	OBTAIN ALLOTMENT AND CANS FROM FINANCE CODE=ABBBLO D R 1 5		0	0	46	46	31OCT82 15DEC82	30SEP82 14NOV82	01DEC83 15JAN84	31OCT83 15DEC83	-31
2255 5000	DEVELOP STUDENT VALIDATION ROSTER CODE=ABBBBO D R 1 4		0	0	279	279	17JUL82 21APR83	16JUN82 21MAR83	13SEP82 18JUN83	10AUG82 18MAY83	-31
2260 2290	BEGIN IMPLEMENT DISBURSEMENT SYSTEM CODE=ABBBMO D R 1 5		0	0	58	58	16DEC82 11FEB83	15NOV82 11JAN83	04JUN84 31JUL84	04MAY84 30JUN84	-31
2262 2264	ESTABLISH ALGORITHM PARAMETERS CODE=ABBBNO D R 1 5		0	0	16	16	16DEC82 31DEC82	15NOV82 30NOV82	01JUL85 16JUL85	31MAY85 15JUN85	-31
2290 6532	COMPLETE DIST. SYSTEM CODE=ABBBBO D R 1 4		0	0	351	351	12FEB83 28JAN84	12JAN83 28DEC83	01AUG84 17JUL85	01JUL84 16JUN85	-31

FIGURE D-4 (Cont.)
SAMPLE ACTIVITY LISTING FOR RDS SIMULATION

PROJECT NAME: MBD1
PROJECT DESCRIPTION:
ADVANCED TECHNOLOGY, INC.
GET COMPARISON REPORT
GET ACTIVITY LISTING
ELECTION ON: AC

PELL GRANT DELIVERY SYSTEM
PROJECT: START 01JAN81 FINISH 02DEC85

RUN DATE 31MAY83 PAGE 3
MODIFICATION NO. 28
SCHEDULE DATE 31MAY82
SCHEDULE NO. 24
REPORT RUN NO. 27
RUN CONTROL NAME TARG

GENERATED BY VISION, A PROPRIETARY PRODUCT OF BYSTONETICS, INC.
SORT ORDER: AN

NAME INODE JNODE	DESCRIPTION	(**CONSTRAINT EXISTS FOR DATE) (A=ACTUAL DATE) CURRENT CONSTRAINTS(TYPE=DATE)	CURR PCT COMP	TOT PCT COMP	CURR ORI REM	TOT JRI REM	CURRENT EARLY START FINISH	TARGET EARLY START FINISH	CURRENT LATE START FINISH	TARGET LATE START FINISH	EARLY START SLIP
4000 4090	INSTITUTE AND MAINTAIN INST UNIV PROCESSING CODE=BBBAA0 D R 2 5		0	0	593 593	593 593	02AUG83 16MAR85	02JUL83 13FEB85	03DEC83 17JUL85	02NOV83 16JUN85	-31
4000 6532	START REGULAR DISBURSEMENT SYSTEM CODE=BBBA00 D R 2 4		0	0	593 593	593 593	02AUG83 16MAR85	02JUL83 13FEB85	03DEC83 17JUL85	02NOV83 16JUN85	-31
4100 6532	RUN INITIALIZATION ALGORITHM CODE=BBBAB0 D R 2 5		0	0	1 1	1 1	01JAN83 01JAN83	01DEC82 01DEC82	17JUL85 17JUL85	16JUN85 16JUN85	-31
4200 6532	INSTITUTE ACCOUNTING PROCESSING CODE=BBBAC0 D R 2 5		0	0	13 13	13 13	02AUG83 14AUG83	02JUL83 14JUL83	05JUL85 17JUL85	04JUN85 16JUN85	-31
4300 6000	FULFILL DATA/DOCUMENT REQUESTS CODE=BBBAF0 D R 2 4		0	0	549 549	549 549	02AUG83 31JAN85	02JUL83 31DEC84	02AUG83 31JAN85	02JUL83 31DEC84	-31
4300 6532	MAINTAIN FUND ACCOUNTABILITY CODE=BBBAE0 D R 2 4		0	0	549 549	549 549	02AUG83 31JAN85	02JUL83 31DEC84	16JAN84 17JUL85	16DEC83 16JUN85	-31
4400 6550	INSTITUTE PROGRESS REPORTING AND BAR PROCESSING CODE=BBBADO D R 2 4		0	0	365 365	365 365	02AUG83 31JUL84	02JUL83 30JUN84	15JUN84 14JUN85	15MAY84 14MAY85	-31
6200 6280	PREPARE OPERATIONS END OF YEAR REPORT CODE=CBBA00 D R 3 5		0	0	63 63	63 63	01FEB85 04APR85	01JAN85 04MAR85	30SEP85 01DEC85	30AUG85 31OCT85	-31
6200 7000	COMPLETE REGULAR DISBURSEMENT CODE=CBBA00 D R 3 4		0	0	275 275	275 275	01FEB85 02NOV85	01JAN85 02OCT85	03MAR85 02DEC85	31JAN85 01NOV85	-31

FIGURE D-4 (Cont.)
SAMPLE ACTIVITY LISTING FOR RDS SIMULATION

PROJECT NAME: MSD1
PROJECT DESCRIPTION:

ADVANCED TECHNOLOGY, INC.

GET COMPARISON REPORT
GET ACTIVITY LISTING
SELECTION ON: AC

PELL GRANT DELIVERY SYSTEM

PROJECT: START 01JAN81 FINISH 02DEC85

RUN DATE 31MAY83 PAGE 4
MODIFICATION NO. 28
SCHEDULE DATE 31MAY82
SCHEDULE NO. 24
REPORT RUN NO. 27
RUN CONTROL NAME TARG

GENERATED BY VISION, A PROPRIETARY PRODUCT OF BYSTONETICS, INC.
SORT ORDER: AN

NAME INODE UNODE	(**=CONSTRAINT EXISTS FOR DATE) (A=ACTUAL DATE) DESCRIPTION	CURRENT CONSTRAINTS(TYPE=DATE)	CURR PCT COMP	TOT PCT COMP	CURR ORI REM	T ORI REM	CURRENT EARLY START FINISH	TARGET EARLY START FINISH	CURRENT LATE START FINISH	TARGET LATE START FINISH	EARLY START SLIP
6220 7002	ANALYZE ROSTER CORRECTIONS CODE=CBBABO O R 3 5		0	0	51	51	01FEB85 23MAR85	01JAN85 20FEB85	13OCT85 02DEC85	12SEP85 01NOV85	-31
6500 6570	ISSUE INITIAL SVRS CODE=CDJAAO O R 3 5		0	0	123	123	01FEB85 03JUN85	01JAN85 03MAY85	01AUG85 01DEC85	01JUL85 31OCT85	-31
6500 7000	REGULAR DISBURSEMENT SYSTEM CODE=CDBA00 O R 3 4		0	0	305	305	01FEB85 02DEC85	01JAN85 01NOV85	01FEB85 02DEC85	01JAN85 01NOV85	-31
6520 7000	PROCESS RETURNED SVRS CODE=CDBABO O R 3 5		0	0	154	154	01FEB85 04JUL85	01JAN85 03JUN85	02JUL85 02DEC85	01JUN85 01NOV85	-31
6530 6532	START CLOSE INSTITUTIONAL ACCOUNTS CODE=CDBADO O R 3 5		0	0	30	30	01FEB85 02MAR85	01JAN85 30JAN85	18JUN85 17JUL85	18MAY85 16JUN85	-31
6532 7000	FINISH: CLOSE INBTIT. ACCT. CODE=CDBAEO O R 3 5		0	0	138	138	17MAR85 01AUG85	14FEB85 01JUL85	18JUL85 02DEC85	17JUN85 01NOV85	-31
6540 7000	PRODUCE FINAL SVRS CODE=CDBACO O R 3 4		0	0	168	168	01FEB85 18JUL85	01JAN85 17JUN85	18JUN85 02DEC85	18MAY85 01NOV85	-31
6550 7000	DISTRIBUTE FINAL SVRS AND AUTH LETTERS CODE=CDBAEO O R 3 4		0	0	171	171	01AUG84 18JAN85	01JUL84 18DEC84	13JUN85 02DEC85	13MAY85 01NOV85	-31
6560 7000	RECEIVE REQUESTS FOR ROSTER CORRECTIONS CODE=CDBAFO O R 3 5		0	0	183	183	01FEB85 02AUG85	01JAN85 02JUL85	03JUN85 02DEC85	03MAY85 01NOV85	-31

-----END OF REPORT-----